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STATISTICAL PROFILE

JAPAN'S ECONOMY IN 1987
AND
INTERNATIONAL TRANSACTIONS OF JAPAN AND THE UNITED STATES IN 1987

Japan Economic Institute 1000 Connecticut Avenue, N.W., Washington, D.C. 20036 202·296·5633

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A

Table 1: Japan's Gross National Product at 1980 Constant Prices, 1983-1987

(in billions of yen, seasonally adjusted, quarterly figures at annual rates)

	1983	1984	1985	1986 -	1987
Gross National Product	Y264,703.7	Y278,140.0	Y291,806.9	Y298,841.4	Y311,641.4
	(3.2%)	(5.1%)	(4.9%)	(2.4%)	(4.3%)
Personal Consumption Spending	153,781.5	157,989.5	162,326.4	167,508.3	173,960.0
	(3.2%)	(2.7%)	(2.7%)	(3.2%)	(3.9%)
Private Residential Construction	13,917.2	13,641.3	13,981.9	15,163.0	18,288.2
	(-6.2%)	(-2.0%)	(2.5%)	(8.4%)	(20.6%)
Private Fixed Nonresidential Investment	41,720.7	46,506.8	52,408.2	55,607.2	60,206.9
	(2.7%)	(11.5%)	(12.7%)	(6.1%)	(8.3%)
Change in Business Inventories	795.8	1,402.2	2,365.4	852.5	737.9
	(-53.9%)	(76.2%)	(68.7%)	(-64.0%)	(-13.4%)
Government Current Expenditures	25,838.2	26,554.2	27,011.8	28,771.6	28,614.8
	(2.9%)	(2.8%)	(1.7%)	(6.5%)	(-0.5%)
Government Fixed Investment	23,052.2	22,405.2	20,960.1	21,797.8	23,615.8
	(-1.6%)	(-2.8%)	(-6.4%)	(4.0%)	(8.3%)
Change in Government Inventories	-352.8	167.5	302.2	797.9	-12.8
	(*)	(*)	(*)	(*)	(*)
Net External Sector	5,950.8	9,473.3	12,451.0	8,343.1	6,230.5
	(184.1%)	(59.2%)	(31.4%)	(-33.0%)	(-25.3%)
Exports of Goods and Services and Factor Income Received	44,555.6	52,351.8	55,297.5	52,397.0	54,331.1
	(4.2%)	(17.5%)	(5.6%)	(-5.2%)	(3.7%)
Imports of Goods and Services and Factor Income Paid	38,604.8	42,878.5	42,846.5	44,053.8	48,100.5
	(-5.1%)	(11.1%)	(-0.1%)	(2.8%)	(9.2%)

(continued)

Table 1: Japan's Gross National Product at 1980 Constant Prices, 1983-1987 (continued)

(in billions of yen, seasonally adjusted, quarterly figures at annual rates)

	January-March 1986	April-June 1986	July-September 1986	October-December 1986	January-March 1987	April-June 1987	July-September 1987	October-December 1987
Gross National Product	Y294,744.4	Y297,492.8	Y300,254.8	Y302,299.0	Y306,780.1	Y306,805.8	Y313,030.0	Y318,776.3
	(-2.2%)	(3.8%)	(3.8%)	(2.8%)	(6.1%)	(0.0%)	(8.4%)	(7.6%)
Personal Consumption Spending	164,806.3	166,756.3	169,587.0	168,584.8	171,935.2	173,089.9	174,877.5	175,663.0
	(1.9%)	(4.8%)	(7.0%)	(-2.3%)	(8.2%)	(2.7%)	(4.2%)	(1.8%)
Private Residential Construction	14,354.9	14,558.4	15,455.2	16,263.4	16,459.1	16,950.2	18,679.1	21,042.6
	(8.5%)	(5.8%)	(27.0%)	(22.6%)	(4.9%)	(12.5%)	(47.5%)	(61.1%)
Private Fixed Nonresidential Investment	54,968.9	55,261.6	55,561.6	56,543.9	57,949.6	58,973.3	60,554.5	63,065.7
	(0.3%)	(2.2%)	(2.2%)	(7.3%)	(10.3%)	(7.3%)	(11.2%)	(17.7%)
Change in Business Inventories	1,505.2	460.3	547.6	885.7	143.9	906.7	716.3	1,172.2
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Government Current Expenditures	27,486.1	27,664.2	27,972.4	31,983.9	28,384.9	28,726.6	28,648.5	28,706.9
	(3.2%)	(2.6%)	(4.5%)	(70.9%)	(-38.0%)	(4.9%)	(-1.1%)	(0.8%)
Government Fixed Investment	20,985.6	21,831.0	22,068.2	22,262.1	22,417.9	22,797.4	23,496.0	25,046.4
	(0.5%)	(17.1%)	(4.4%)	(3.6%)	(2.8%)	(7.0%)	(12.8%)	(29.1%)
Change in Government Inventories	135.9	3,302.0	1,635.3	-1,891.6	226.2	-102.2	-9.2	-163.3
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Net External Sector	10,501.5	7,659.0	7,427.5	7,666.9	9,263.3	5,463.9	6,067.3	4,242.8
	(-47.7%)	(-71.7%)	(-11.6%)	(13.5%)	(113.1%)	(-87.9%)	(52.0%)	(-76.1%)
Exports of Goods and Services and Factor Income Received	52,059.8	52,736.6	52,454.2	52,147.6	53,451.0	52,466.1	55,981.6	55,472.2
	(-15.0%)	(5.3%)	(-2.1%)	(-2.3%)	(10.4%)	(-7.2%)	(29.6%)	(-3.6%)
Imports of Goods and Services and Factor Income Paid	41,558.3	45,077.7	45,026.6	44,480.7	44,187.7	47,002.2	49,914.3	51,229.4
	(-3.0%)	(38.4%)	(-0.4%)	(-4.8%)	(-2.6%)	(28.0%)	(27.2%)	(11.0%)

*Cannot be calculated or meaningless.

Source: Economic Planning Agency

Table 2: Major Interest Rates in Japan, 1983-1987

(percent per annum)

	Central Bank Discount Rate*	Long-Term Prime Lending Rate*	Call Rate**	Average Interest Rate on Loans and Discounts of All Banks*	Savings Deposits*			
					Commercial Banks		Post Office	
					Ordinary Deposits	Six-Month Time Deposits	Ordinary Deposits	One-Year Savings Certificates
1983	5.0%	8.2%	6.39%	6.81%	1.75%	5.0%	3.12%	4.25%
1984	5.0	7.6	6.10	6.57	1.50	4.75	2.88	4.0
1985	5.0	7.2	6.46	6.47	1.50	4.75	2.88	4.0
1986	3.0	6.2	4.79	5.51	0.26	3.01	1.68	2.26
1987	2.5	5.7	3.51	4.94	0.26	2.64	1.68	2.26

*End of period.
**Average for period.

Source: Bank of Japan

Table 3: Money Supply in Japan, 1983-1987

(in billions of yen, average for period)

	Outstanding Money Supply (M_2+CDs)*	Change
1983	Y252,640	7.4%
1984	272,360	7.8
1985	295,183	8.4
1986	320,732	8.7
1987	354,036	10.4

*Includes currency in circulation, demand deposits and time deposits (excluding trust accounts) held by commercial banks, plus certificates of deposit.

Source: Bank of Japan

Table 4: Japan's General Account Expenditures (Revised), FY 1983-FY 1987*

(in billions of yen and percentage change)

	FY 1983		FY 1984		FY 1985		FY 1986		FY 1987	
Total Expenditures	Y50,839.4	6.9%	Y51,513.4	1.3%	Y53,222.9	3.3%	Y53,824.8	1.1%	Y58,214.2	8.2%
Social Security	9,231.3	1.0	9,683.9	4.9	9,830.8	1.5	10,090.3	2.6	10,321.8	2.3
Public Assistance	1,129.7	4.6	1,187.5	5.1	1,082.2	-8.9	1,110.4	2.6	1,105.2	-0.5
Social Welfare	1,917.5	19.6	2,013.2	5.0	2,056.2	2.1	1,977.8	-3.8	2,033.2	2.8
Social Insurance	5,378.9	-4.9	5,619.1	4.5	5,847.5	4.1	6,137.3	5.0	6,310.2	2.8
Health Services	435.4	[illegible].3	485.8	11.6	464.4	-4.4	497.2	7.1	512.3	3.0
Unemployment Compensation	369.8	-1.1	378.3	2.3	380.5	0.6	367.6	-3.4	361.0	-1.8
Education and Science	4,834.3	0.0	4,920.3	1.8	4,904.3	-0.3	4,886.6	-0.4	5,063.7	3.6
Compulsory Education	2,254.5	1.5	2,368.8	5.1	2,415.2	2.0	2,414.9	-0.0	2,392.9	-0.9
Transfer to School Account	1,015.6	0.0	1,096.9	8.0	1,075.1	-2.0	1,083.7	0.8	1,180.1	8.9
Science and Technology Promotion	392.0	2.7	374.6	-4.4	375.4	0.2	381.8	1.7	473.5	24.0
School Facilities	489.8	-7.4	427.3	-12.8	385.5	-9.8	350.0	-9.2	354.6	1.3
School Aid	592.0	-0.5	566.6	-4.3	569.6	0.5	575.7	1.1	580.9	0.9
Student Loans	90.3	-0.5	86.2	-4.6	83.6	-3.0	80.5	-3.7	81.7	1.5
Public Works	7,224.3	-0.8	6,882.0	-4.7	6,922.3	0.6	6,946.3	0.3	7,428.0	6.9
Erosion and Flood Control	1,107.4	0.1	1,098.4	-0.8	1,082.8	-1.4	1,101.4	1.7	1,221.9	10.9
Road Improvement	1,893.3	0.1	1,899.9	0.3	1,856.1	-2.3	1,826.3	-1.6	1,983.8	8.6
Harbors and Airports	524.1	0.3	519.8	-0.8	511.9	-1.5	517.3	1.1	563.7	9.0
Housing	894.3	1.9	913.9	2.2	927.9	1.5	940.2	1.3	964.4	2.6
Social Infrastructure	988.2	0.1	980.3	-0.8	970.3	-1.0	989.0	1.9	1,106.1	11.8
Agricultural Infrastructure	900.0	0.[illegible]	892.1	-0.9	879.0	-1.5	886.9	0.9	963.7	8.7
Forestry and Industrial Water Supplies	177.1	-0.7	173.2	-2.2	169.6	-2.1	170.4	0.5	181.2	6.3
Disaster Reconstruction	728.4	-9.6	393.5	-46.0	514.0	30.6	503.5	-2.0	431.6	-14.3
Reserves	11.4	-3.1	10.9	-3.7	10.7	-2.2	11.3	5.6	11.8	3.6
Pensions	1,890.0	-0.1	1,885.8	-0.2	1,863.7	-1.2	1,850.1	-0.7	1,895.6	2.5
Civil Servants	132.7	-2.0	128.2	-3.4	124.8	2.8	121.4	-2.7	122.2	0.7
Veterans	1,603.6	0.9	1,601.1	-0.2	1,578.7	-1.4	1,562.6	-1.0	1,606.9	2.8
Other Pensions	143.1	-8.2	146.0	2.0	149.9	2.7	155.9	4.0	157.6	1.1
Administrative Costs	10.6	2.3	10.5	-0.9	10.4	-1.4	10.3	-0.1	8.9	-14.3
Local Finance	7,672.9	-3.8	9,219.0	20.2	9,690.1	5.1	9,734.7	0.5	11,086.2	13.9
Local Allocation Tax	7,315.1	-2.9	9,036.1	23.5	9,690.1	7.2	9,734.7	0.5	11,086.2	13.9
Interest Support and Special Grants	357.8	-18.9	182.9	-48.6	0.0	-100.0	0.0	0.0	0.0	0.0
National Debt Service	8,167.5	18.3	9,232.7	13.0	10,180.5	10.3	10,664.4	4.8	11,851.4	11.1
Defense	2,761.0	7.6	2,961.5	7.3	3,169.7	7.0	3,338.0	5.3	3,507.8	5.1
Economic Cooperation	498.2	4.9	540.9	8.6	581.2	7.5	600.5	3.3	661.3	10.1
Small Business Assistance	238.9	-2.2	230.4	-3.6	211.9	-8.0	225.6	6.5	263.2	16.6
Energy Support	557.4	-0.3	610.4	9.5	626.2	2.6	570.5	-8.9	496.8	-12.9
Food Agency Account	917.2	-8.8	808.6	-11.8	695.2	-14.0	613.8	-11.7	688.2	12.1
Miscellaneous	6,636.4	49.1	4,367.9	-34.2	4,346.9	-0.5	4,104.0	-5.6	4,292.2	4.6
Reserves	210.0	-8.7	170.0	-19.0	200.0	17.6	200.0	0.0	200.0	0.0
Industrial Investment Special Account	0.0	- 0.0	0.0	0.0	0.0	0.0	0.0	0.0	458.0	100.0

*Revised budget figures include the supplementary budget.

Source: Ministry of Finance

Table 5: Japan's Discretionary General Account Spending (Revised), FY 1983-FY 1987*

(in billions of yen and percentage change)

	FY 1983		FY 1984		FY 1985		FY 1986		FY 1987	
Total Expenditures	Y50,839.4	6.9%	Y51,513.4	1.3%	Y53,222.9	3.3%	Y53,824.8	1.1%	Y58,214.2	8.2%
Minus										
Debt Service and Transfers to Local Governments	15,482.7	7.2	18,268.9	18.0	19,870.6	8.8	20,399.1	2.7	22,937.6	12.4
Equals										
Discretionary Spending	35,356.8	6.8	33,244.5	-6.0	33,352.3	0.3	33,425.8	0.2	35,276.5	5.5

*Revised budget figures include the supplementary budget.

Source: Ministry of Finance

Table 6: Japan's General Account Revenues (Revised), FY 1983-FY 1987*

(in billions of yen and percentage change)

	FY 1983		FY 1984		FY 1985		FY 1986		FY 1987	
Total Revenues	Y50,839.4	6.9%	Y51,513.4	1.3%	Y53,222.9	3.3%	Y53,824.8	1.1%	Y58,214.2	8.2%
Tax and Stamp Revenues	31,902.0	4.7	34,835.0	9.2	38,145.0	9.5	39,440.0	3.4	43,087.0	9.3
Direct Taxes	23,835.0	5.8	26,193.0	9.9	28,579.0	9.1	29,469.0	3.1	31,703.0	7.6
Income Taxes	13,545.0	6.1	13,985.0	3.2	15,378.0	10.0	16,393.0	6.6	16,188.0	-1.3
Corporate Taxes	9,497.0	4.9	11,333.0	19.3	12,197.0	7.6	11,725.0	-3.9	13,722.0	17.0
Indirect Taxes and Stamp Revenues	8,067.0	1.4	8,642.0	7.1	9,566.0	10.7	9,971.0	4.2	11,384.0	14.2
Liquor Taxes	1,860.0	5.3	1,992.0	7.1	1,955.0	-1.9	1,974.0	1.0	2,042.0	3.4
Gasoline Taxes	1,601.0	-1.4	1,617.0	1.0	1,554.0	-3.9	1,572.0	1.2	1,596.0	1.5
Commodity Taxes	1,314.0	6.5	1,503.0	14.4	1,538.0	2.3	1,627.0	5.8	1,686.0	3.6
Monopoly Profits	1,004.2	31.8	1,024.6	2.0	6.6	-99.4	7.6	15.2	6.0	-21.1
Public Enterprise Receipts	15.1	5.1	15.4	1.4	15.9	3.2	16.7	5.0	17.5	4.8
Sale of Public Properties	82.7	22.8	92.3	11.7	157.9	71.1	134.5	-14.8	180.6	34.3
Miscellaneous	3,843.3	107.3	2,282.6	-40.6	2,254.0	-1.3	2,289.7	1.6	2,044.7	-10.7
Public Bonds	13,790.0	-3.9	12,865.0	-6.7	12,438.0	-3.3	11,495.0	-7.6	10,539.0	-8.3
Carryover Surplus	202.2	390.1	398.5	97.1	205.4	-49.5	441.3	114.8	2,339.4	430.1

*Revised budget figures include the supplementary budget.

Source: Ministry of Finance

Table 7: Uses and Sources of Japan's Fiscal Investment and Loan Program Outlays (Initial), FY 1983-FY 1987

(in billions of yen and percentage change)

	FY 1983		FY 1984		FY 1985		FY 1986		FY 1987	
Total Outlays	Y20,702.9	2.0%	Y21,106.6	1.9%	Y20,858.0	-1.2%	Y22,155.1	6.2%	Y23,731.3	7.1%
Housing	5,304.1	3.4	5,289.5	-0.3	5,289.3	-0.0	5,856.2	10.7	6,328.2	8.1
Other Social Infrastructure	2,764.8	-3.4	3,007.5	8.8	3,280.9	9.1	3,694.5	12.6	3,998.7	8.2
Welfare	652.0	-7.0	637.9	-2.1	595.7	-6.6	625.9	5.1	627.7	0.3
Education	783.0	2.6	777.1	-0.8	745.3	-4.1	678.2	-9.0	784.1	15.6
Small Business	3,942.2	-0.9	3,968.3	0.7	3,764.4	-5.1	3,700.0	-1.7	3,985.6	7.7
Agriculture	963.0	6.2	1,034.8	7.5	890.6	-13.9	902.1	1.3	907.8	0.6
Land Conservation and Disaster Work	332.5	7.4	379.1	13.8	472.8	24.7	422.7	-10.6	493.0	16.6
Roads	1,583.7	7.5	1,711.7	8.1	1,826.4	6.7	2,024.4	10.8	2,363.0	16.7
Transportation and Communications	1,924.6	-1.2	1,887.6	-1.9	1,763.4	-6.6	2,015.1	14.3	2,264.1	12.4
Regional Development	511.4	-5.0	500.0	-2.2	511.2	2.2	566.1	10.7	657.7	16.2
Industry and Technology	626.2	-1.5	620.3	-0.9	603.3	-2.7	635.9	5.4	630.9	-0.8
Foreign Trade and Economic Cooperation	1,315.4	18.2	1,292.8	-1.7	1,114.7	-13.8	1,034.0	-7.2	690.5	-33.2
Total Revenues	Y24,402.9	2.6%	Y24,706.6	1.2%	Y25,858.0	4.7%	Y27,155.1	5.0%	Y31,081.3	14.5%
Industrial Investment Special Account	5.2	-72.5	4.8	-7.7	31.4	554.2	61.5	95.9	144.3	134.6
Trust Fund Bureau Fund	19,135.3	-2.2	18,905.2	-1.2	20,029.0	5.9	20,738.6	3.5	24,595.8	18.6
Postal Savings	7,900.0	0.0	6,900.0	-12.7	6,400.0	-7.2	7,000.0	9.4	7,900.0	12.9
Pension Contributions	4,100.0	-4.7	3,850.0	-6.1	3,950.0	2.6	4,300.0	8.9	4,450.0	3.5
Other Revenues	7,135.3	-3.2	8,155.2	14.3	9,679.0	18.7	9,438.6	-2.5	12,245.8	29.7
Postal Life Insurance Fund	2,354.4	18.8	2,586.6	9.9	2,587.6	0.0	3,145.0	21.5	3,941.2	25.3
Government-Guaranteed Bonds and Borrowings	2,908.0	31.0	3,210.0	10.4	3,210.0	0.0	3,210.0	0.0	2,400.0	-25.2

Source: Ministry of Finance

Table 8: Japan's Industrial Production Index by Sector, 1983-1987

(1985 = 100)

	Total Index	Total Change	Mining	Manufacturing	Steel	Nonferrous Metals	Fabricated Metal Products	Nonelectric Machinery	Electric Machinery	Transport Equipment
1983	88.1	3.0%	99.5	88.0	89.0	94.3	96.3	80.9	72.7	87.5
1984	96.4	9.4	98.9	96.4	98.1	100.0	99.6	92.2	94.1	93.3
1985	100.0	3.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	99.8	-0.2	99.6	99.8	94.4	100.0	99.7	95.6	104.2	98.1
1987	103.2	3.4	90.3	103.2	96.3	107.6	103.2	95.9	113.7	96.8

	Precision Instruments	Nonmetallic Mineral Products	Chemicals	Petroleum and Coal Products	Plastic Products	Pulp, Paper and Paper Products	Textiles	Food and Tobacco Products	Other
1983	77.5	96.2	89.3	102.7	90.8	91.6	99.0	101.5	98.8
1984	87.6	100.0	96.9	106.4	97.1	96.2	101.1	99.8	99.6
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	104.5	96.8	103.2	96.4	101.8	103.0	95.9	101.1	100.7
1987	105.4	100.3	111.1	92.9	106.7	109.2	94.4	101.9	103.9

Source: Ministry of International Trade and Industry

Table 9: Japan's Index of Industrial Production by End-Use Classification, 1983-1987

(1985 = 100)

	Final Demand Goods					Producer Goods
	Total	Capital Goods	Construction Materials	Consumer Goods Durable	Consumer Goods Nondurable	
1983	89.0	81.9	101.8	82.9	96.6	86.9
1984	94.8	92.8	101.2	89.8	98.3	98.4
1985	100.0	100.0	100.0	100.0	100.0	100.0
1986	100.6	99.0	99.8	102.3	101.9	98.7
1987	103.2	102.2	105.5	101.5	104.5	103.1

Source: Ministry of International Trade and Industry

Table 10: Japan's Index of Producers' Inventories of Finished Goods, 1983-1987

(1985 = 100)

	Total	Mining	Manufacturing	Steel	Nonferrous Metals	Fabricated Metal Products	Nonelectric Machinery	Electric Machinery	Transport Equipment
1983	92.1	99.2	92.1	92.1	86.8	104.8	82.5	76.0	93.4
1984	93.8	88.8	93.8	94.6	91.3	97.5	88.3	77.5	92.3
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	101.1	163.0	100.9	96.2	101.0	98.4	104.3	103.6	93.8
1987	97.4	264.3	96.9	89.4	93.6	100.6	95.4	98.8	92.4

	Precision Instruments	Nonmetallic Mineral Products	Chemicals	Petroleum and Coal Products	Plastic Products	Pulp, Paper and Paper Products	Textiles	Food and Tobacco Products	Other
1983	99.1	92.6	89.4	109.1	91.8	83.9	94.9	100.3	96.8
1984	90.2	92.0	94.9	106.8	95.1	90.4	93.2	106.5	98.8
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	118.8	104.4	102.3	99.4	100.5	104.6	103.3	99.4	99.1
1987	112.8	98.7	98.2	98.5	99.8	107.2	97.0	95.5	95.9

Source: Ministry of International Trade and Industry

Table 11: Japan's Index of Consumption of Materials, 1983-1987

(1985 = 100)

	Manufacturing	Steel	Non-ferrous Metals	Fabricated Metal Products	Machinery	Nonmetallic Mineral Products	Chemicals	Petroleum and Coal Products	Plastic Products	Pulp, Paper and Paper Products	Textiles	Other Industries
1983	91.7	90.3	96.5	101.4	85.4	99.8	90.5	102.9	93.2	93.1	99.6	100.5
1984	99.0	98.8	100.7	99.8	96.2	102.2	99.9	106.7	98.0	97.8	101.9	100.3
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	96.1	89.7	100.2	99.3	94.9	99.1	99.5	95.7	102.1	101.7	94.3	97.6
1987	97.6	90.4	104.7	104.9	95.2	102.9	105.7	93.1	108.3	106.9	94.0	101.1

Source: Ministry of International Trade and Industry

Table 12: Japan's Index of Inventories of Materials, 1983-1987

(1985 = 100)

	Manufacturing	Steel	Non-ferrous Metals	Fabricated Metal Products	Machinery	Nonmetallic Mineral Products	Chemicals	Petroleum and Coal Products	Plastic Products	Pulp, Paper and Paper Products	Textiles	Other Industries
1983	101.9	111.3	107.4	110.1	91.6	94.2	95.4	97.9	116.6	104.1	102.3	104.4
1984	101.9	104.7	106.0	103.4	100.0	97.1	101.2	98.9	107.9	105.3	103.1	100.0
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	95.1	98.2	77.7	92.2	89.1	94.9	99.6	99.6	89.7	94.8	93.4	99.6
1987	91.4	91.8	64.3	88.0	82.6	90.8	100.0	97.0	99.7	90.7	91.6	100.5

Source: Ministry of International Trade and Industry

Table 13: Japan's Index of Manufacturing Operating Rates, 1983-1987

(1985 = 100)

	Total	Steel	Non-ferrous Metals	Fabricated Metal Products	Nonelectric Machinery	Electric Machinery	Transport Equipment	Precision Instruments	Nonmetallic Mineral Products	Chemicals	Petroleum and Coal Products	Pulp, Paper and Paper Products	Textiles
1983	94.3	87.4	97.5	91.2	87.1	96.9	101.4	83.1	99.0	91.2	92.0	91.6	99.5
1984	99.8	97.1	101.6	97.5	99.5	103.6	99.6	95.0	98.4	98.9	107.4	96.0	99.9
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	95.4	93.9	98.8	98.5	87.7	92.4	95.9	95.2	96.7	99.9	95.9	102.8	99.1
1987	95.5	95.6	104.8	103.4	83.1	90.1	95.0	88.8	95.4	104.3	97.4	109.6	98.2

Source: Ministry of International Trade and Industry

Table 14: Residential Construction Starts in Japan, 1983-1987

(units)

	Total	Type of Housing		Owner-Occupant Relationship			
		Public	Private	Owner-Built	Developer-Built	Rental Units	Other
1983	1,136,797	94,909	1,041,888	478,833	243,265	394,495	20,204
1984	1,187,282	86,285	1,100,997	469,879	231,001	464,308	22,094
1985	1,236,072	81,305	1,154,767	464,697	224,018	527,042	20,315
1986	1,364,609	80,780	1,283,829	477,050	220,155	645,886	21,518
1987	1,674,300	80,719	1,593,581	546,316	246,861	858,726	22,397

Source: Ministry of Construction

Table 15: Japan's Labor Force Survey, 1983-1987

(in thousands of persons)

	Working-Age Population*	Total Labor Force	Employed Labor Force	Totally Unemployed Labor Force	Unemployment Rate	Not in Labor Force	Ratio of Job Offers to Applications**
1983	92,320	58,890	57,330	1,560	2.6%	33,050	0.60
1984	93,470	59,270	57,660	1,610	2.7	33,730	0.65
1985	94,650	59,630	58,070	1,560	2.6	34,500	0.68
1986	95,870	60,200	58,530	1,670	2.8	35,130	0.62
1987	97,200	60,840	59,110	1,730	2.8	35,840	0.70

*People 15 years old and over.
**Excludes applications by new school graduates but includes those by people seeking part-time work.

Source: Prime Minister's Office and Ministry of Labor

Table 16: Employment Index of Regular Workers in Japan, 1983-1987

(1985 = 100)

	Total	Mining	Construction	Manufacturing	Foods and Tobacco	Textiles	Apparel	Lumber and Wood Products	Pulp and Paper Products	Publishing	Chemicals	Petroleum and Coal Products	Nonmetallic Mineral Products	Steel
1983	96.8	110.0	104.6	95.7	99.8	106.8	97.5	112.1	98.6	96.1	101.1	107.8	101.9	104.2
1984	98.2	104.6	102.9	97.6	99.2	103.2	97.4	105.4	98.7	98.0	100.2	103.3	101.0	101.0
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	101.4	93.4	99.5	101.2	102.9	96.6	103.6	99.9	101.7	101.6	101.4	97.3	99.5	97.2
1987	102.0	87.3	101.9	99.7	104.5	94.6	103.0	103.2	101.8	103.3	102.4	92.0	98.9	91.8

	Non-ferrous Metals	Fabricated Metal Products	Non-electric Machinery	Electric Machinery	Transport Equipment	Precision Instruments	Utilities	Transportation and Communications	Wholesale and Retail Trade	Finance and Insurance	Real Estate	Services
1983	98.6	100.9	94.6	82.4	97.1	96.3	103.1	100.1	96.4	102.4	91.6	93.4
1984	100.0	99.8	96.9	91.6	97.9	98.2	101.4	100.1	98.2	101.1	96.2	96.2
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	99.6	101.0	102.4	103.1	99.5	99.5	100.6	98.8	102.4	100.4	102.2	103.2
1987	98.9	101.4	100.2	100.7	94.9	95.3	101.0	96.0	105.9	103.5	106.8	105.9

Source: Ministry of Labor

Table 17: Nominal Wage Index of Regular Workers in Japan, 1983-1987

(1985 = 100)

	Total	Mining	Construction	Manufacturing	Foods and Tobacco	Textiles	Apparel	Lumber and Wood Products	Pulp and Paper Products	Publishing	Chemicals	Petroleum and Coal Products	Nonmetallic Mineral Products	Steel
1983	93.9	93.8	92.7	93.5	96.8	94.6	97.3	91.7	90.6	93.4	93.1	88.8	93.4	92.3
1984	97.3	96.1	96.6	97.0	98.2	96.6	100.5	95.2	95.6	95.4	97.2	94.5	96.8	95.4
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	102.7	99.1	104.3	101.5	105.2	102.1	100.8	104.9	101.7	104.7	102.6	103.3	103.3	100.1
1987	104.7	100.3	107.1	103.2	106.8	105.6	103.2	109.0	103.8	105.0	106.2	106.5	105.7	98.4

	Nonferrous Metals	Fabricated Metal Products	Nonelectric Machinery	Electric Machinery	Transport Equipment	Precision Instruments	Utilities	Transportation and Communications	Wholesale and Retail Trade	Finance and Insurance	Real Estate	Services
1983	91.3	93.4	92.1	95.3	92.0	92.0	92.3	95.3	95.4	91.0	93.9	93.6
1984	95.5	97.6	96.6	99.3	96.2	94.5	96.1	98.3	98.5	95.2	98.0	96.9
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	102.7	103.5	99.4	100.4	100.7	100.4	105.2	102.1	102.7	105.1	105.7	103.7
1987	105.4	104.4	100.6	103.7	101.0	101.2	107.5	105.9	104.2	108.0	109.1	104.8

Source: Ministry of Labor

Table 18: Average Monthly Wages of Manufacturing Employees in Japan by Industry, 1983-1987

(in thousands of yen)

	Total	Foods and Tobacco	Textiles	Pulp and Paper Products	Chemicals	Nonmetallic Mineral Products	Steel	Nonferrous Metals	Fabricated Metal Products	Nonelectric Machinery	Electric Machinery	Transport Equipment	Precision Instruments
1983	Y279.1	Y226.2	Y198.1	Y283.1	Y357.9	Y272.7	Y359.9	Y309.4	Y269.2	Y313.6	Y267.3	Y316.5	Y265.4
1984	292.3	233.7	202.2	301.4	376.3	284.7	373.5	324.3	282.7	330.8	281.7	333.6	274.0
1985	299.5	235.5	211.9	314.6	389.6	289.0	391.7	336.4	287.8	337.6	280.7	345.1	287.4
1986	305.4	250.6	216.9	322.0	402.8	299.2	392.1	345.1	298.5	334.9	283.6	348.3	288.9
1987	313.2	259.6	224.2	331.7	419.2	308.1	385.2	354.6	302.6	340.7	296.2	352.4	292.2

Note: Includes overtime pay and bonuses.

Source: Ministry of Labor

Table 19: Index of Labor Productivity in Japan, 1983-1987

(1985 = 100)

	Total	Mining	Manufacturing	Foods	Textiles	Lumber and Wood Products	Pulp and Paper Products	Nonmetallic Mineral Products	Rubber Products	Chemicals
1983	88.2	94.8	88.2	102.7	93.8	95.8	88.7	92.4	93.6	88.8
1984	95.8	95.8	95.8	101.0	98.4	95.2	94.3	97.9	97.0	96.5
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	101.9	108.4	101.8	101.4	100.8	112.9	105.7	99.8	99.7	104.2
1987	107.8	123.8	107.7	100.4	102.5	107.3	113.3	105.6	104.9	113.2

	Plastic Products	Petroleum and Coal Products	Steel	Nonferrous Metals	Fabricated Metal Products	Nonelectric Machinery	Electric Machinery	Transport Equipment	Precision Instruments
1983	92.9	93.6	85.6	94.8	94.6	83.3	79.4	87.1	76.5
1984	98.0	101.9	96.0	98.8	98.8	93.1	95.5	93.8	87.3
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	100.2	103.5	97.9	101.2	102.1	97.3	102.9	101.0	109.1
1987	105.6	107.4	107.1	109.1	108.4	102.8	114.5	102.9	118.1

Source: Japan Productivity Center

Table 20: Japan's Consumer Price Index, 1983-1987

(1985 = 100)

	Total											
	Index	Change	Food	Housing	Utilities	Furniture and Housewares	Clothing	Medical Care	Transportation	Education	Recreation	Miscellaneous
1983	95.8	1.8%	95.6	95.4	100.5	98.5	94.3	91.2	97.0	91.7	96.1	96.5
1984	98.0	2.3	98.3	97.5	100.4	99.3	96.7	94.5	97.9	95.7	98.0	98.7
1985	100.0	2.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	100.6	0.6	100.2	102.5	95.0	100.0	102.2	101.9	99.3	103.6	101.5	102.0
1987	100.7	0.1	99.3	105.4	88.0	99.4	103.3	103.8	100.0	107.1	102.0	103.2

Source: Management and Coordination Agency

Table 21: Japan's Wholesale Price Index by Industry, 1983-1987

(1985 = 100)

	Total Index	Total Change	Foods	Textiles	Lumber and Wood Products	Pulp, Paper and Paper Products	Chemicals	Plastic Products	Petroleum and Products	Nonmetallic Mineral Products	Steel	Nonferrous Metals
1983	101.4	-2.2%	96.8	99.2	102.5	98.2	103.7	98.9	107.1	102.7	100.6	107.5
1984	101.1	-0.3	99.8	101.1	100.5	101.8	102.1	100.1	100.6	103.0	101.4	105.0
1985	100.0	-1.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	90.9	-9.1	99.4	91.8	95.2	96.3	89.4	95.6	76.9	98.1	90.1	83.2
1987	87.5	-3.7	98.5	90.5	105.0	94.5	85.7	92.1	64.3	96.5	86.9	83.1

	Metal Products	Nonelectric Machinery	Electric Machinery	Transport Equipment	Precision Instruments	Miscellaneous Manufactures	Agricultural, Forestry and Fishery Products	Mining Products	Utilities
1983	96.9	99.7	103.9	99.2	101.5	99.8	103.9	104.2	98.8
1984	99.9	99.8	102.7	100.2	100.3	100.9	104.3	99.5	99.7
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	98.4	96.3	89.8	94.8	98.2	97.3	91.0	56.4	95.3
1987	95.6	93.8	84.3	92.6	97.4	95.3	86.7	50.8	89.0

Source: Bank of Japan

Table 22: Japan's Wholesale Price Index by End-Use Classification, 1983-1987

(1985 = 100)

	Domestic Products										Exports			
			Intermediate Goods					Consumer Goods						
	Total	Raw Materials	Total	Semi-finished Goods	Con-struction Materials	Fuels and Energy	Capital Goods	Total	Durables	Nondurables	Total	Semi-finished Goods	Capital Goods	Consumer Goods
1983	101.5	104.5	102.1	102.4	100.2	104.5	99.9	99.4	100.7	99.0	100.8	102.1	99.1	101.4
1984	101.1	101.9	101.6	102.5	101.3	100.1	99.9	100.0	100.3	99.9	101.5	102.5	100.0	101.8
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	91.8	66.5	92.0	91.3	97.5	85.6	97.7	98.0	97.4	98.1	84.9	80.0	89.2	87.0
1987	88.5	62.4	88.2	87.7	98.7	74.7	95.5	95.7	94.5	96.2	80.6	75.7	85.2	82.7

Source: Bank of Japan

Table 23: Japan's Global Balance of Payments, 1983-1987

(in millions of dollars, IMF value basis, seasonally unadjusted)

		Trade Balance	Exports	Imports	Services	Transfers	Current Account Balance	Long-Term Capital	Basic Balance	Short-Term Capital	Errors and Omissions	Overall Balance	Gold and Foreign Exchange Reserves*
1983		$31,454	$145,468	$114,014	$-9,106	$-1,549	$20,799	$-17,700	$3,099	$23	$2,055	$5,177	$24,496
1984		44,257	168,290	124,033	-7,747	-1,507	35,003	-49,651	-14,648	-4,295	3,743	-15,200	26,313
1985		55,986	174,015	118,029	-5,165	-1,652	49,169	-64,542	-15,373	-936	3,991	-12,318	26,510
1986		92,827	205,591	112,764	-4,932	-2,050	85,845	-131,461	-45,616	-1,609	2,458	-44,767	42,239
1987		96,386	224,605	128,219	-5,702	-3,669	87,015	-136,532	-49,517	23,865	-3,893	-29,545	81,479
1986	January	2,360	12,614	10,254	-285	-145	1,930	-7,241	-5,311	-1,094	1,253	-5,152	26,961
	February	4,770	14,889	10,119	-693	-185	3,892	-8,061	-4,169	1,601	1,269	-1,299	27,582
	March	7,422	17,310	9,888	-167	-409	6,846	-3,688	3,158	-1,623	-779	756	27,917
	April	7,742	17,485	9,743	215	-177	7,780	-12,122	-4,342	-637	3,644	-1,335	31,113
	May	8,340	17,633	9,293	-561	-150	7,627	-9,916	-2,287	1,085	340	-862	32,475
	June	7,840	17,152	9,312	-28	-122	7,690	-6,844	846	-1,917	-1,359	-2,430	33,905
	July	8,759	18,493	9,734	-499	-175	8,085	-11,812	-3,727	1,401	1,697	-629	38,330
	August	8,178	16,627	8,449	-934	-158	7,086	-13,043	-5,957	-1,620	2,105	-5,472	41,214
	September	9,856	18,739	8,883	-489	-125	9,242	-13,555	-4,313	1,726	-1,285	-3,872	41,456
	October	8,817	18,861	10,044	-454	-112	8,251	-16,248	-7,997	98	-182	-8,081	41,676
	November	8,548	16,591	8,043	-242	-83	8,223	-13,594	-5,371	201	-4,163	-9,333	41,980
	December	10,195	19,197	9,002	-795	-209	9,191	-15,337	-6,146	-830	-82	-7,058	42,239
1987	January	5,703	14,646	8,943	-637	-225	4,841	-12,461	-7,620	1,581	-997	-7,036	51,459
	February	8,284	16,848	8,564	-510	-140	7,634	-11,441	-3,807	-1,346	2,503	-2,650	51,730
	March	9,386	19,021	9,635	-201	-698	8,487	-8,307	180	1,157	3,477	4,814	58,389
	April	8,886	19,236	10,350	-496	-238	8,152	-12,393	-4,241	2,131	316	-1,794	68,620
	May	8,110	18,154	10,044	-854	-144	7,112	-12,778	-5,666	1,304	2,911	-1,451	68,935
	June	8,042	18,433	10,391	-251	-293	7,498	-19,194	-11,696	3,025	-2,541	-11,212	69,273
	July	8,581	19,535	10,954	-1,057	-240	7,284	-18,515	-11,231	1,770	-1,346	-10,807	69,769
	August	6,183	17,183	11,000	-597	-190	5,396	-1,134	4,262	5,342	-309	9,295	70,726
	September	8,821	19,882	11,061	-103	-209	8,509	-2,374	6,135	2,721	866	9,722	72,139
	October	7,737	20,121	12,384	-807	-196	6,734	-18,649	-11,915	913	-3,568	-14,570	73,050
	November	6,695	18,664	11,969	116	-878	5,933	-14,119	-8,186	6,509	-3,743	-5,420	78,044
	December	9,958	22,882	12,924	-305	-218	9,435	-5,167	4,268	-1,242	-1,462	1,564	81,479

*End of period.

Note: For capital transactions, credits (+) indicate net inflows and debits (-) indicate net outflows.

Source: Bank of Japan and Ministry of Finance

Table 24: Japan's Balance of Payments with the United States, 1983-1987

(in millions of dollars, IMF value basis)

	1983	1984	1985	1986	1987
Merchandise Trade Balance	$21,211	$36,704	$42,988	$54,919	$57,117
Exports	43,057	60,479	65,617	80,385	83,010
Imports	21,846	23,775	22,629	25,466	25,893
Services Balance	-1,884	-1,495	-1,012	-585	1,021
Transportation	-573	-37	110	243	-698
Travel	-1,319	-1,369	-1,329	-2,012	-3,106
Investment Income	1,280	1,379	2,268	3,231	7,300
Other	-1,272	-1,468	-2,061	-2,047	-2,475
Official	1,314	1,397	1,495	1,931	1,751
Private	-2,586	-2,865	-3,556	-3,978	-4,226
Unilateral Transfers Balance	-176	-191	-249	-552	-1,460
Official	-18	-44	-27	-92	-779
Private	-158	-147	-222	-460	-681
Current Account Balance	19,151	35,018	41,727	53,782	56,678
Long-Term Capital (net)	-5,541	-14,814	-33,163	-65,650	-61,030
Direct Investments (net)	-1,041	-3,180	-2,043	-7,774	-9,018
Trade Credits (net)	-190	-195	-587	-334	-489
Loans (net)	-329	-477	-716	-690	-1,663
Stocks (net)	-3,803				
Bonds (net)	-140	-10,591	-29,874	-55,944	-48,223
Other (net)	-38	-371	57	-908	-1,637
Basic Balance	13,610	20,204	8,564	-11,868	-4,352

Note: For long-term capital transactions, credits (+) indicate net inflows and debits (-) indicate net outflows.

Source: Bank of Japan

Table 25: Japan's Exports and Imports in Dollar Terms, 1983-1987

(in millions of dollars, customs clearance basis, seasonally unadjusted)

		Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1983		$146,928	5.8%	$126,393	-4.2%	$20,534
1984		170,114	15.8	136,503	8.0	33,611
1985		175,638	3.3	129,539	-5.1	46,099
1986		209,151	19.1	126,408	-2.4	82,743
1987		229,221	9.6	149,515	18.3	79,706
1986	January	12,789	15.7	10,905	2.9	1,884
	February	15,072	16.6	11,133	5.2	3,939
	March	17,639	21.5	10,967	-3.2	6,672
	April	17,758	19.4	10,908	-6.1	6,850
	May	17,917	24.1	10,384	-6.1	7,533
	June	17,492	21.1	10,133	7.5	7,359
	July	18,887	23.5	10,694	0.0	8,193
	August	16,830	21.4	9,354	-9.8	7,476
	September	19,051	29.1	10,105	-0.7	8,946
	October	19,144	19.4	11,373	-2.6	7,771
	November	16,911	9.2	9,510	-11.2	7,401
	December	19,663	9.5	10,943	-3.3	8,720
1987	January	14,911	16.6	10,600	-2.8	4,311
	February	17,240	14.4	10,113	-9.2	7,127
	March	19,314	9.5	11,263	2.7	8,050
	April	19,499	9.8	11,964	9.7	7,536
	May	18,615	3.9	12,197	17.5	6,417
	June	18,817	7.6	12,219	20.6	6,598
	July	19,894	5.3	12,957	21.2	6,938
	August	17,604	4.6	12,457	33.2	5,147
	September	20,357	6.9	12,932	28.0	7,425
	October	20,661	7.9	13,865	21.9	6,796
	November	18,938	12.0	14,187	49.2	4,751
	December	23,372	18.9	14,760	34.9	8,612

Source: Ministry of Finance

Table 26: Japan's Exports and Imports in Yen Terms, 1983-1987

(in billions of yen, customs clearance basis, seasonally unadjusted)

		Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1983		Y34,909	1.4%	Y30,015	-8.1%	Y4,895
1984		40,325	15.5	32,321	7.7	8,004
1985		41,956	4.0	31,085	-3.8	10,871
1986		35,290	-15.9	21,551	-30.7	13,739
1987		33,315	-5.6	21,737	0.9	11,578
1986	January	2,584	-7.6	2,204	-17.5	380
	February	2,913	-12.3	2,155	-20.7	759
	March	3,177	-16.0	1,976	-33.1	1,201
	April	3,173	-16.1	1,948	-34.1	1,225
	May	2,988	-17.7	1,735	-37.6	1,253
	June	2,957	-18.2	1,715	-27.3	1,242
	July	3,076	-18.2	1,745	-33.7	1,331
	August	2,609	-20.9	1,450	-41.2	1,159
	September	2,948	-16.6	1,563	-35.8	1,385
	October	2,953	-17.1	1,754	-32.2	1,199
	November	2,712	-16.4	1,525	-31.9	1,187
	December	3,201	-12.1	1,781	-22.3	1,420
1987	January	2,362	-8.6	1,686	-23.5	677
	February	2,635	-9.6	1,544	-28.3	1,091
	March	2,963	-6.7	1,729	-12.5	1,235
	April	2,863	-9.8	1,758	-9.8	1,105
	May	2,606	-12.8	1,707	-1.6	899
	June	2,685	-9.2	1,742	1.6	943
	July	2,942	-4.3	1,915	9.8	1,027
	August	2,655	1.8	1,879	29.6	776
	September	2,910	-1.3	1,850	18.3	1,060
	October	2,986	1.1	2,005	14.3	981
	November	2,619	-3.4	1,965	28.9	654
	December	3,090	-3.5	1,958	9.9	1,132

Source: Ministry of Finance

Table 27: Japan's Export and Import Quantum (Volume) Indexes, 1983-1987

(1980 = 100)

		Exports		Imports	
		Index	Change Over Year-Earlier Period	Index	Change Over Year-Earlier Period
1983		116.8	8.7%	98.1	1.3%
1984		134.8	15.4	108.6	10.7
1985		141.2	4.7	108.8	0.2
1986		139.2	-1.4	123.3	13.3
1987		136.7	-1.8	132.6	7.5
1986	January	112.6	2.2	109.4	2.8
	February	129.1	0.1	112.2	5.8
	March	146.2	-2.3	117.1	2.2
	April	144.6	-0.3	126.9	7.3
	May	141.3	-0.1	126.5	13.6
	June	139.9	-2.2	125.0	32.4
	July	149.3	-0.9	130.2	21.1
	August	129.4	-3.5	118.3	13.5
	September	148.5	3.4	125.7	21.3
	October	147.1	-1.1	138.7	17.9
	November	128.9	-7.7	115.7	7.0
	December	153.2	-3.9	134.1	17.7
1987	January	113.8	1.1	126.9	16.0
	February	128.2	-0.7	114.6	2.1
	March	145.3	-0.6	124.8	6.6
	April	140.9	-2.6	131.7	3.8
	May	132.9	-5.9	130.6	3.2
	June	135.2	-3.4	129.9	3.9
	July	142.7	-4.4	135.9	4.4
	August	127.4	-1.5	130.8	10.6
	September	144.5	-2.7	132.7	5.6
	October	146.7	-0.3	141.9	2.3
	November	129.3	0.3	142.8	23.4
	December	153.4	0.1	148.1	10.4

Source: Ministry of Finance

Table 28: Japan's Export and Import Yen-Based Price Indexes, 1983-1987

(1985 = 100)

		Exports		Imports	
		Index	Change Over Year-Earlier Period	Index	Change Over Year-Earlier Period
1983		100.8	-6.1%	106.1	-7.8%
1984		101.5	0.7	102.5	-3.4
1985		100.0	-1.5	100.0	-2.4
1986		84.9	-15.1	64.2	-35.8
1987		80.6	-5.1	58.9	-8.3
1986	January	91.5	n.a.	87.9	n.a.
	February	88.2	n.a.	81.8	n.a.
	March	87.1	n.a.	73.0	n.a.
	April	86.2	n.a.	67.5	n.a.
	May	84.1	n.a.	62.2	n.a.
	June	84.6	-17.3	61.1	-40.9
	July	82.6	-18.0	56.9	-43.6
	August	81.5	-18.2	53.5	-45.8
	September	81.9	-17.0	54.1	-44.6
	October	82.6	-12.4	56.1	-39.1
	November	84.4	-8.0	57.8	-34.8
	December	84.4	-7.2	58.3	-33.8
1987	January	82.7	-9.6	58.1	-33.9
	February	82.1	-6.9	58.8	-28.1
	March	81.8	-6.1	59.0	-19.2
	April	79.7	-7.5	57.3	-15.1
	May	78.8	-6.3	57.2	-8.0
	June	80.3	-5.1	58.5	-4.3
	July	82.3	-0.4	60.6	6.5
	August	81.8	0.4	61.0	14.0
	September	80.6	-1.6	60.1	11.1
	October	80.7	-2.3	60.6	8.0
	November	79.1	-6.3	58.9	1.9
	December	77.5	-8.2	57.2	-1.9

Source: Bank of Japan

Table 29: Japan's Exports by Major Market, 1983-1987

(in millions of dollars, f.o.b. value basis)

	1983	1984	1985	1986	1987
Total Exports	$146,928	$170,114	$175,638	$209,151	$229,221
Developed Countries	76,563	96,421	102,468	131,149	142,883
United States	42,829	59,937	65,278	80,456	83,580
Canada	3,625	4,297	4,520	5,526	5,611
Western Europe	23,129	23,999	25,199	37,483	45,555
United Kingdom	4,983	4,675	4,723	6,647	8,400
Netherlands	1,726	1,816	2,071	3,261	4,071
Belgium	1,325	1,339	1,477	2,198	2,697
France	2,010	1,935	2,083	3,152	4,014
West Germany	5,877	6,621	6,938	10,477	12,833
Spain	587	528	605	1,076	1,343
Italy	875	1,032	1,117	1,723	2,103
European Community	18,523	19,405	20,016	30,675	37,693
Sweden	798	1,009	1,094	1,438	1,931
Switzerland	1,144	1,089	1,161	1,887	2,266
Australia	4,280	5,184	5,379	5,227	5,146
New Zealand	962	1,163	1,072	1,103	1,128
South Africa	1,738	1,840	1,020	1,355	1,863
Developing Countries	61,435	70,092	56,978	63,934	74,402
Latin America	6,391	8,549	8,486	9,495	8,760
Mexico	579	888	994	1,032	1,389
Panama	2,169	3,444	3,326	3,197	2,416
Brazil	738	640	615	973	879
Southeast Asia	34,548	36,795	33,248	41,788	52,982
Korea	6,004	7,227	7,097	10,475	13,229
Taiwan	5,086	5,986	5,026	7,852	11,346
Hong Kong	5,289	6,559	6,509	7,161	8,872
Thailand	2,507	2,426	2,030	2,030	2,953
Singapore	4,448	4,610	3,861	4,577	6,008
Malaysia	2,771	2,875	2,168	1,708	2,168
Brunei	86	72	90	58	41
Philippines	1,744	1,080	937	1,088	1,415
Indonesia	3,552	3,073	2,173	2,662	2,990
India	1,431	1,168	1,596	2,099	1,957
Middle East and North Africa	17,160	14,206	12,171	9,795	9,177
Iran	2,820	1,692	1,348	1,145	1,043
Iraq	632	806	1,306	1,210	391
Saudi Arabia	6,687	5,634	3,890	2,762	3,239
Kuwait	1,763	1,432	1,536	1,220	857
Qatar	233	175	164	148	151
Oman	469	508	554	288	262
United Arab Emirates	1,357	1,126	1,164	1,033	1,118
Subsaharan Africa	2,906	2,998	2,519	2,178	2,894
Communist Countries	8,830	10,602	16,190	14,064	11,924
China	4,912	7,217	12,478	9,856	8,250
U.S.S.R.	2,821	2,518	2,751	3,150	2,563

Source: Ministry of Finance

Table 30: Japan's Imports by Major Supplier, 1983-1987

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Total Imports	$126,393	$136,503	$129,539	$126,408	$149,515
Developed Countries	49,325	54,740	53,121	62,233	71,610
United States	24,648	26,862	25,793	29,054	31,491
Canada	4,430	4,945	4,773	4,895	6,073
Western Europe	11,087	13,091	12,356	18,118	22,749
United Kingdom	1,940	2,267	1,817	3,573	3,057
Netherlands	443	434	439	577	757
Belgium	376	469	482	677	859
France	1,302	1,236	1,324	1,855	2,871
West Germany	2,414	2,684	2,928	4,298	6,150
Spain	397	420	350	297	357
Italy	981	1,049	1,050	1,495	2,135
European Community	8,120	9,334	8,893	13,989	17,670
Sweden	452	473	441	575	682
Switzerland	1,412	1,965	1,758	2,571	3,101
Australia	6,642	7,296	7,452	6,980	7,869
New Zealand	932	935	903	956	1,168
South Africa	1,587	1,611	1,844	2,229	2,259
Developing Countries	70,060	73,778	67,936	55,941	67,277
Latin America	6,462	7,230	6,242	6,194	6,356
Mexico	1,889	2,260	1,870	1,439	1,625
Panama	68	168	81	84	69
Brazil	1,669	1,991	1,840	1,875	2,032
Southeast Asia	27,988	31,883	30,264	29,489	38,627
Korea	3,365	4,213	4,092	5,292	8,076
Taiwan	2,622	3,204	3,386	4,691	7,128
Hong Kong	670	842	767	1,074	1,561
Thailand	1,019	1,040	1,027	1,391	1,796
Singapore	1,468	1,775	1,594	1,463	2,048
Malaysia	3,131	4,412	4,330	3,846	4,772
Brunei	2,367	2,203	1,892	1,285	1,184
Philippines	1,307	1,419	1,243	1,221	1,353
Indonesia	10,432	11,176	10,119	7,311	8,427
India	1,131	1,132	1,189	1,297	1,530
Middle East and North Africa	33,796	33,066	29,927	18,427	20,197
Iran	4,231	2,869	2,506	1,383	1,556
Iraq	141	172	622	957	676
Saudi Arabia	15,530	14,734	10,245	5,205	7,311
Kuwait	1,387	1,589	1,162	1,157	1,796
Qatar	1,701	2,594	2,185	1,127	880
Oman	2,012	2,420	3,066	1,616	1,414
United Arab Emirates	7,793	7,720	8,916	5,947	5,408
Subsaharan Africa	1,345	1,166	1,052	1,356	1,435
Communist Countries	7,004	7,982	8,480	8,232	10,628
China	5,087	5,958	6,483	5,652	7,401
U.S.S.R.	1,456	1,394	1,429	1,972	2,352

Source: Ministry of Finance

Table 31: Japan's Trade Balance with Major Trading Partners, 1983-1987

(in millions of dollars; exports f.o.b., imports c.i.f.)

	1983	1984	1985	1986	1987
Overall Balance	$20,534	$33,611	$46,099	$82,743	$79,706
Developed Countries	27,239	41,680	49,347	68,917	71,273
United States	18,181	33,075	39,485	51,401	52,090
Canada	-805	-648	-253	631	-462
Western Europe	12,042	10,908	12,843	19,365	22,806
United Kingdom	3,043	2,408	2,906	3,073	5,343
Netherlands	1,283	1,381	1,632	2,684	3,314
Belgium	948	870	995	1,521	1,837
France	708	700	759	1,297	1,143
West Germany	3,464	3,937	4,010	6,180	6,682
Spain	190	108	256	779	987
Italy	-106	-17	67	228	-32
European Community	10,402	10,071	11,124	16,687	20,024
Sweden	346	537	653	864	1,250
Switzerland	-269	-876	-597	-684	-835
Australia	-2,362	-2,112	-2,073	-1,754	-2,723
New Zealand	31	228	169	147	-41
South Africa	151	229	-824	-874	-396
Developing Countries	-8,625	-10,686	-10,958	7,993	7,126
Latin America	-71	1,318	2,244	3,301	2,405
Mexico	-1,310	-1,372	-876	-407	-236
Panama	2,101	3,276	3,245	3,113	2,348
Brazil	-931	-1,351	-1,225	-902	-1,154
Southeast Asia	6,560	4,912	2,984	12,299	14,355
Korea	2,639	3,014	3,005	5,183	5,154
Taiwan	2,463	2,782	1,640	3,161	4,218
Hong Kong	4,619	5,717	5,742	6,087	7,312
Thailand	1,488	1,385	1,004	639	1,157
Singapore	2,981	2,835	2,267	3,113	3,961
Malaysia	-360	-1,537	-2,162	-2,137	-2,604
Brunei	-2,281	-2,131	-1,802	-1,227	-1,143
Philippines	437	-339	-307	-133	62
Indonesia	-6,380	-8,102	-7,947	-4,649	-5,437
India	300	35	408	802	427
Middle East and North Africa	-16,636	-18,861	-17,766	-8,632	-11,020
Iran	-1,412	-1,177	-1,158	-239	-512
Iraq	491	634	684	253	-285
Saudi Arabia	-6,843	-9,100	-6,355	-2,443	-4,072
Kuwait	375	-157	374	63	-939
Qatar	-1,468	-2,419	-2,021	-979	-729
Oman	-1,544	-1,912	-2,512	-1,328	-1,152
United Arab Emirates	-6,436	-6,594	-7,752	-4,915	-4,290
Subsaharan Africa	1,561	1,833	1,466	822	1,459
Communist Countries	1,926	2,620	7,710	5,832	1,297
China	-175	1,259	5,995	4,204	848
U.S.S.R.	1,365	1,124	1,321	1,178	211

Source: Ministry of Finance

Table 32: Japan's Exports by Commodity, 1983-1987

(in millions of dollars, f.o.b. value basis)

	1983	1984	1985	1986	1987
Total Exports	$146,928	$170,114	$175,638	$209,151	$229,221
Food and Live Animals	1,246	1,290	1,202	1,366	1,424
Fish and Fish Products	663	717	685	766	732
Beverages and Tobacco	144	150	114	110	121
Crude Materials (excl. fuels)	3,194	3,250	1,240	1,414	1,490
Textile Fibers and Waste	644	659	635	695	708
Mineral Fuels	432	405	539	588	782
Petroleum Products	249	289	331	379	550
Animal and Vegetable Oils and Fats	118	148	111	91	85
Chemicals	6,983	7,626	7,698	9,484	11,662
Chemical Elements and Compounds	2,945	3,121	3,243	3,953	4,979
Organic Chemicals	2,177	2,371	2,512	3,141	4,017
Inorganic Chemicals	755	738	720	799	941
Dyeing, Tanning and Coloring Materials	501	558	558	707	857
Pharmaceuticals	348	356	391	513	589
Plastic Materials	2,339	2,351	2,261	2,843	3,406
Manufactured Goods Classified Mainly by Material	28,935	30,137	28,836	29,600	30,126
Tires and Other Rubber Manufactures	1,923	1,973	1,895	2,040	2,240
Tires for Motor Vehicles	1,267	1,382	1,302	1,642	1,515
Paper and Paper Products	872	994	1,029	1,184	1,407
Textiles (excl. fibers and apparel)	5,311	5,318	4,900	5,445	5,545
Yarn and Thread	1,122	1,168	1,000	1,152	1,118
Woven Fabrics	3,626	3,546	3,361	3,706	3,742
Made-up Articles (excl. clothing)	563	604	540	586	686
Nonmetallic Mineral Manufactures	2,150	2,272	2,148	2,362	2,523
Glass and Glassware	422	518	594	689	803
Tableware	318	369	328	366	556
Iron and Steel	12,843	13,852	13,566	12,706	12,610
Bars, Rods, Shapes and Sections	1,816	1,715	1,777	1,437	1,059
Wire Rods	529	626	568	639	629
Universals, Plates and Sheets	5,339	5,706	5,209	5,250	6,078
Hoops and Strip	1,309	1,468	1,285	1,325	1,474
Tubes, Pipes and Fittings	3,370	3,742	4,027	3,399	2,843
Nonferrous Metals	1,588	1,501	1,467	1,564	1,772
Copper and Alloys	839	614	585	721	854
Aluminum and Alloys	473	619	615	606	668
Metal Manufactures	3,941	3,812	3,438	3,913	3,636
Finished Structural Parts and Structures	1,047	751	528	694	441
Nails and Industrial Fasteners	473	603	516	514	519
Tools	594	666	701	897	958

(continued)

Table 32: Japan's Exports by Commodity, 1983-1987 (continued)

(in millions of dollars, f.o.b. value basis)

	1983	1984	1985	1986	1987
Machinery and Transport Equipment	$85,133	$102,680	$108,387	$133,326	$149,563
Nonelectric Machinery	23,103	27,879	29,537	38,381	44,755
Power Generating Machinery	2,992	3,835	3,789	4,940	5,904
Steam Generating Boilers and Boiler Plants	327	525	463	567	488
Internal Combustion Engines	2,240	2,800	2,885	3,842	4,876
Agricultural Machinery	1,160	1,119	1,028	1,183	1,298
Tractors	943	841	746	869	920
Office Machinery	5,139	7,554	7,785	11,305	14,392
Typewriters	432	609	555	574	366
Calculators	554	698	660	556	445
Data Processing Equipment	2,849	4,566	4,625	7,270	9,375
Metalworking Machinery	1,489	2,021	2,599	3,637	3,475
Lathes	302	423	524	676	628
Textile Machinery	759	869	1,007	1,384	1,852
Sewing Machines	457	526	524	671	861
Printing and Bookbinding Machinery	252	353	445	616	636
Construction and Mining Machinery	1,725	1,709	1,995	2,187	2,179
Excavators	619	813	965	1,062	1,191
Heating and Cooling Machinery	2,142	1,887	1,588	1,793	2,032
Pumps and Centrifuges	1,535	1,671	1,678	1,912	2,159
Air and Gas Compressors	502	642	669	740	855
Mechanical Handling Equipment	1,404	1,559	1,609	1,975	1,991
Bearings	512	658	651	806	919
Electric Machinery	22,886	29,245	29,701	35,519	40,883
Electric Power Machinery	1,873	2,137	2,058	2,453	2,724
Generators	628	630	532	490	469
Motors	416	512	495	681	808
Switchboards and Control Panels	533	691	594	810	877
Insulated Wire and Cable	781	684	701	744	693
Telecommunications Equipment	8,867	11,077	12,242	13,644	15,071
Televisions	1,472	1,905	2,625	1,727	1,422
Radios	2,440	2,820	2,654	2,756	2,464
Microphones, Loudspeakers and Amplifiers	848	963	981	1,111	1,169
Household Electric Appliances	1,412	1,817	1,968	1,874	1,713
Batteries	352	404	415	579	729
Electronic Tubes and Semiconductors	3,731	5,816	4,753	6,342	8,312
Tubes	821	984	1,002	1,339	1,795
Discrete Devices	1,762	3,248	2,419	3,185	4,212
Automotive Electrical Equipment	602	681	724	944	1,146
Electronic Measuring and Controlling Instruments	784	964	1,127	1,477	1,681
Condensers	406	534	446	654	826
Transport Equipment	39,143	45,556	49,149	59,426	63,925
Railway Equipment	411	764	525	365	624
Road Motor Vehicles	26,123	29,821	34,377	42,676	44,942
Cars	19,535	21,899	25,402	32,945	35,693
Assembled Trucks and Buses	5,175	6,372	7,396	8,022	7,324
Truck and Bus Chassis with Engines	1,371	1,475	1,517	1,633	1,815

(continued)

Table 32: Japan's Exports by Commodity, 1983-1987 (continued)

(in millions of dollars, f.o.b. value basis)

	1983	1984	1985	1986	1987
Road Motor Vehicle Parts	$3,423	$4,513	$5,228	$8,253	$10,714
Motorcycles and Parts	2,667	2,598	2,626	2,686	2,628
Ships and Boats	5,996	7,353	5,929	4,879	4,360
Tankers	719	693	634	726	718
Cargo Ships	3,086	4,481	3,490	2,509	1,805
Miscellaneous Manufactured Goods	21,198	24,655	25,752	31,125	31,599
Clothing	659	776	728	734	665
Scientific, Medical and Optical Instruments	8,213	9,268	10,046	12,408	9,448
Cameras Lenses	479	449	433	542	548
Still Cameras	1,127	1,217	1,232	1,601	1,617
Measuring Instruments	497	607	676	845	945
Watches and Clocks	1,550	1,747	1,730	1,963	1,981
Stereo Equipment and Audio and Video Cassette Recorders and Players	7,439	9,222	9,230	11,229	10,085
Video Cassette Recorders	5,304	6,819	6,622	7,416	5,900
Phonograph Records and Tapes	1,383	1,503	1,665	2,044	1,969
Musical Instruments	555	640	688	966	1,313
Office and Stationery Supplies	324	391	412	528	582
Unclassified Commodities	1,346	1,674	1,759	2,048	2,369

Source: Ministry of Finance

Table 33: Japan's Imports by Commodity, 1983-1987

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Total Imports	$126,393	$136,503	$129,539	$126,408	$149,515
Food and Live Animals	14,051	15,191	14,787	18,246	20,752
Meat and Meat Products	1,772	1,897	1,927	2,587	3,338
Fresh and Frozen Beef	445	455	463	554	800
Fresh and Frozen Pork	645	714	703	1,041	1,417
Fish and Fish Products	3,884	4,096	4,610	6,426	7,992
Fresh and Frozen Shrimp and Lobster	1,349	1,354	1,431	1,966	2,510
Fresh and Frozen Salmon	353	345	493	571	643
Grains and Cereal Products	4,191	4,743	3,951	3,485	3,160
Wheat	1,126	1,114	974	886	785
Corn for Mixed Feed	1,572	1,669	1,363	1,158	1,101
Sorghum for Mixed Feed	386	608	536	462	326
Fruits and Vegetables	1,613	1,828	1,828	2,364	2,832
Fruits	973	1,055	1,135	1,518	1,757
Vegetables	639	733	693	846	1,075
Coffee	649	770	747	1,130	838
Animal Feeds	548	539	474	671	776
Beverages and Tobacco	845	836	760	941	1,643
Cigarettes	89	104	107	184	512
Crude Materials (excl. fuels)	17,943	19,153	17,715	17,292	21,751
Hides and Skins	412	568	504	563	585
Oilseeds and Oil Nuts	1,952	2,210	1,875	1,568	1,617
Soybeans	1,375	1,447	1,206	1,072	1,087
Rubber	597	638	544	578	661
Logs and Lumber	3,887	3,909	3,700	4,044	6,227
Logs	3,045	3,107	2,781	2,923	4,348
Lumber	842	803	919	1,106	1,879
Wood Pulp	888	1,001	910	1,124	1,441
Textile Fibers and Waste	2,077	2,484	2,155	1,863	2,702
Wool	560	675	670	621	1,017
Cotton	1,145	1,342	1,049	817	1,137
Crude Minerals	838	1,050	1,088	943	1,069
Metal Ores, Concentrates and Scrap	6,513	6,572	6,232	5,763	6,120
Iron Ore and Concentrates	3,147	3,199	3,045	2,759	2,618
Steel Scrap	451	529	407	375	322
Nonferrous Ores	2,403	2,334	2,229	2,080	2,404
Copper	1,475	1,255	1,209	1,228	1,476
Nonferrous Scrap	507	502	546	544	773
Mineral Fuels	58,925	60,337	55,790	36,904	39,137
Coal	4,877	5,311	5,197	4,927	4,634
Coking Coal	4,053	4,386	4,154	3,956	3,582
Petroleum and Products	45,705	45,486	40,575	24,117	27,445
Crude Petroleum	40,063	39,379	34,599	19,481	20,663
Petroleum Products	5,642	6,107	5,976	4,636	6,782
Residual Fuel Oil	1,807	2,130	2,020	1,093	1,477

(continued)

Table 33: Japan's Imports by Commodity, 1983-1987 (continued)

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Natural and Manufactured Gas	$8,332	$9,529	$10,006	$7,843	$7,022
Liquefied Petroleum Gas	3,285	2,935	2,806	2,092	1,970
Liquefied Methane Gas	5,046	6,594	7,200	5,751	5,052
Animal and Vegetable Oils and Fats	268	372	329	245	271
Chemicals	7,207	8,346	8,073	9,733	11,845
Chemical Elements and Compounds	3,554	4,370	4,142	4,566	5,470
Organic Chemicals	2,112	2,423	2,411	2,849	3,494
Inorganic Chemicals	526	677	742	767	869
Dyeing, Tanning and Coloring Materials	305	324	320	420	542
Pharmaceuticals	1,215	1,259	1,292	1,724	2,110
Plastic Materials	672	763	745	981	1,163
Manufactured Goods Classified Mainly by Material	10,147	11,932	10,886	12,390	18,055
Wood Manufactures	774	842	838	1,033	1,678
Wood Chips	603	645	604	679	819
Paper and Paper Products	522	545	545	747	873
Textiles (excl. fibers and apparel)	1,487	1,926	1,891	2,174	2,975
Nonmetallic Mineral Manufactures	1,101	1,201	1,264	1,927	2,847
Diamonds	526	558	567	939	1,429
Iron and Steel	1,349	1,912	1,480	1,762	2,484
Ferroalloys	411	588	524	532	581
Universals, Plates and Sheets	390	540	347	429	607
Nonferrous Metals	4,127	4,700	4,042	3,655	5,644
Precious Metals	740	848	713	825	1,414
Copper and Alloys	420	816	592	473	691
Aluminum and Alloys	2,165	2,076	1,861	1,641	2,669
Metal Manufactures	500	507	512	637	882
Machinery and Transport Equipment	9,383	10,809	11,106	13,283	17,264
Nonelectric Machinery	3,663	4,495	4,728	5,318	6,746
Power Generating Machinery	670	939	896	897	1,136
Aircraft Engines	389	458	630	666	[1]13
Office Machinery	1,026	1,362	1,545	1,706	2,218
Computers, Peripheral Equipment and Parts	979	1,318	1,509	1,671	2,169
Electric Machinery	3,221	3,989	3,795	4,506	5,894
Electronic Tubes and Semiconductors	909	1,294	1,016	1,216	1,531
Telecommunications Equipment	427	465	438	619	975
Electronic Measuring and Controlling Instruments	566	593	643	762	918
Transport Equipment	2,499	2,325	2,583	3,459	4,624
Cars	398	457	539	1,070	2,031
Aircraft	1,472	928	1,484	1,777	1,742
Ships and Boats	390	645	286	231	269

(continued)

Table 33: Japan's Imports by Commodity, 1983-1987 (continued)

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Miscellaneous Manufactured Goods	$5,204	$6,088	$6,349	$8,634	$13,396
Furniture	270	307	318	431	665
Clothing	1,501	1,949	1,995	2,853	4,649
Footwear	294	380	391	490	784
Scientific, Medical and Optical Instruments	790	947	929	952	1,208
Sporting Goods	254	256	286	374	558
Art Works and Antiques	209	194	244	411	989
Unclassified Commodities	2,418	3,439	3,744	8,742	5,402
Nonmonetary Gold	1,376	2,246	2,027	6,984	3,467

Source: Ministry of Finance

Table 34: Japan's Dollar-Based Trade with the United States, 1983-1987

(in millions of dollars, customs clearance basis, seasonally unadjusted)

		Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1983		$42,829	17.9%	$24,648	1.9%	$18,181
1984		59,937	39.9	26,862	9.0	33,075
1985		65,278	8.9	25,793	-4.0	39,485
1986		80,456	23.3	29,054	12.6	51,401
1987		83,580	3.9	31,491	8.4	52,090
1986	January	4,956	20.8	2,055	-6.8	2,901
	February	5,726	25.6	2,007	-9.9	3,719
	March	6,013	28.3	2,215	-5.2	3,798
	April	7,019	21.3	2,275	-2.2	4,744
	May	6,940	21.8	2,909	27.1	4,031
	June	6,962	30.0	3,121	54.0	3,841
	July	7,491	28.6	2,977	39.9	4,513
	August	6,496	26.6	2,086	-0.7	4,411
	September	7,293	28.8	2,462	30.9	4,831
	October	7,506	24.3	2,524	7.1	4,981
	November	6,893	13.8	2,001	-1.4	4,892
	December	7,161	12.2	2,421	28.5	4,740
1987	January	5,598	13.0	2,320	12.9	3,278
	February	6,212	8.5	2,246	11.9	3,966
	March	6,191	3.0	2,420	9.2	3,771
	April	7,429	5.8	2,300	1.1	5,129
	May	6,355	0.2	2,509	-13.7	4,445
	June	6,797	-2.4	2,783	-10.8	4,014
	July	7,638	2.0	2,849	-4.3	4,789
	August	6,396	-1.5	2,670	28.0	3,727
	September	7,593	4.1	2,733	11.0	4,860
	October	7,731	3.0	2,749	8.9	4,982
	November	7,018	1.8	2,809	40.4	4,209
	December	8,021	12.0	3,102	28.1	4,919

Source: Ministry of Finance

Table 35: Japan's Yen-Based Trade with the United States, 1983-1987

(in billions of yen, customs clearance basis, seasonally unadjusted)

		Exports (f.o.b.)	Change Over Year-Earlier Period	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1983		Y10,179	12.9%	Y5,855	-2.3%	Y4,323
1984		14,221	39.7	6,364	8.7	7,858
1985		15,583	9.6	6,213	-2.4	9,369
1986		13,564	-13.0	4,918	-20.9	8,646
1987		12,148	-10.4	4,582	-6.8	7,566
1986	January	1,001	-3.4	415	-25.3	586
	February	1,107	-5.5	389	-32.1	718
	March	1,083	-11.3	399	-34.4	684
	April	1,254	-14.7	406	-31.3	848
	May	1,157	-19.2	486	-15.5	671
	June	1,177	-12.1	528	4.1	649
	July	1,220	-14.8	486	-7.3	734
	August	1,007	-17.5	323	-35.3	684
	September	1,128	-16.8	381	-15.4	748
	October	1,158	-13.7	389	-25.4	768
	November	1,105	-12.8	321	-24.5	785
	December	1,166	-9.9	394	3.3	772
1987	January	887	-11.4	369	-11.1	518
	February	949	-14.2	343	-11.7	606
	March	950	-12.3	371	-7.0	579
	April	1,091	-13.0	338	-16.8	753
	May	974	-15.9	351	-27.8	623
	June	970	-17.6	397	-24.9	573
	July	1,130	-7.4	421	-13.3	709
	August	965	-4.2	403	24.5	562
	September	1,085	-3.8	391	2.7	694
	October	1,117	-3.5	398	2.1	720
	November	971	-12.2	389	21.3	581
	December	1,061	-9.0	411	4.4	649

Source: Ministry of Finance

Table 36: Yen-Dollar Exchange Rate Used to Convert Customs Clearance Trade Data, 1983-1987*

	Exports	Imports
1983 Average	Y237.52	Y237.59
1984 Average	236.95	236.91
1985 Average	240.29	240.17
1986 Average	169.99	170.08
1987 Average	145.90	146.01
1986 January	202.02	202.07
February	193.28	193.53
March	180.12	180.21
April	178.70	178.62
May	166.77	167.08
June	169.07	169.29
July	162.84	163.17
August	155.03	155.04
September	154.72	154.66
October	154.23	154.23
November	160.27	160.34
December	162.77	162.73
1987 January	158.43	159.01
February	152.83	152.70
March	153.43	153.47
April	146.83	146.97
May	139.98	139.91
June	142.67	142.58
July	147.89	147.81
August	150.83	150.83
September	142.94	143.02
October	144.50	144.59
November	138.28	138.52
December	132.21	132.65

*Reflects the exchange rate that prevailed at the time export or import contracts were signed.

Source: Ministry of Finance

Table 37: Yen-Dollar Exchange Rate on Tokyo Foreign Exchange Market, 1983-1987

(average for period)

	1983	1984	1985	1986	1987
Average	Y237.51	Y237.52	Y238.54	Y168.52	Y144.64
January	232.94	233.94	254.18	200.07	154.48
February	236.24	233.68	260.24	184.64	153.48
March	238.03	225.40	258.63	178.93	151.54
April	237.71	224.95	251.67	175.62	142.98
May	234.74	230.66	251.54	166.83	140.54
June	240.15	233.21	248.99	167.95	144.48
July	240.50	242.84	241.75	158.60	150.21
August	244.33	242.30	237.21	154.00	147.56
September	242.77	245.23	236.95	154.72	143.00
October	233.01	246.79	214.73	155.95	143.54
November	235.31	243.32	203.72	162.64	135.25
December	234.41	247.95	202.82	162.29	128.59

Source: International Monetary Fund

Table 38: Japan's Foreign Direct Investment by Country, FY 1983-FY 1987

(in millions of dollars)

	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	Total March 31, 1988
United States	$2,565	$3,360	$5,395	$10,165	$14,704	$50,159
Canada	136	184	100	276	653	2,604
North America	2,701	3,544	5,495	10,441	15,357	52,763
Indonesia	374	374	408	250	545	9,218
Hong Kong	563	412	131	502	1,072	4,505
Singapore	322	225	339	302	494	3,065
Korea	129	107	134	436	647	2,765
China	---	114	100	226	1,226	1,740
Malaysia	140	142	79	158	163	1,446
Taiwan	103	65	114	291	367	1,419
Thailand	72	119	48	124	250	1,134
Philippines	65	46	61	21	72	985
Asia	1,847	1,628	1,435	2,327	4,868	26,658
Panama	1,223	1,671	1,533	2,401	2,305	11,146
Brazil	410	318	314	270	229	5,086
Caymans	1	1	132	930	1,197	2,476
Bahamas	1	97	298	792	734	1,981
Mexico	121	56	101	226	28	1,584
Peru	---	6	10	---	1	696
Bermuda	14	29	148	16	36	653
Netherlands Antilles	69	66	62	66	199	575
Latin America	1,878	2,290	2,616	4,737	4,816	25,189
United Kingdom	153	318	375	984	2,473	6,598
Luxembourg	265	315	300	1,092	1,764	4,072
Netherlands	113	452	613	651	829	3,166
West Germany	117	245	172	210	403	1,955
France	93	117	67	152	330	1,300
Switzerland	37	229	60	91	224	977
Spain	52	140	91	86	283	883
Belgium	126	71	84	50	70	863
Europe	990	1,937	1,930	3,469	6,576	21,047
Australia	166	105	468	881	1,222	5,724
Oceania	191	157	525	992	1,413	6,647
Liberia	323	281	159	289	267	3,010
Africa	364	326	172	309	272	3,951
Kuwait	66	55	34	41	54	1,363
Iran	1	0	0	---	---	1,003
Middle East	175	273	45	44	62	3,079
Total	8,145	10,155	12,217	22,320	33,364	139,334

Source: Ministry of Finance

Table 39: Japan's Foreign Direct Investment by Industry, FY 1983-FY 1987

(in millions of dollars)

	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	Total March 31, 1988
Manufacturing Sector	$2,588	$2,505	$2,352	$3,806	$7,832	$36,038
Food Products	77	118	90	127	328	1,546
Textiles	174	85	28	63	206	2,353
Wood and Paper Products	91	115	15	57	317	1,495
Chemicals	450	223	133	355	910	5,247
Metals	479	718	385	328	786	6,304
Nonelectric Machinery	169	185	352	626	687	3,284
Electric Machinery	502	409	513	987	2,421	7,155
Transport Equipment	486	437	627	828	1,473	5,675
Other	160	215	208	435	703	2,980
Nonmanufacturing Sector	5,357	7,429	9,536	17,949	25,080	99,365
Agriculture/ Forestry	18	26	12	15	97	893
Fisheries	17	24	42	52	44	538
Mining	382	484	598	669	511	12,936
Construction	55	112	94	250	87	1,134
Trade/Sales	1,164	1,482	1,550	1,861	2,269	16,807
Banking/Finance/ Insurance	1,167	2,085	3,805	7,240	10,673	28,772
Services	622	681	665	1,560	2,780	9,026
Transportation	1,363	1,651	1,240	1,925	2,145	9,970
Real Estate	375	430	1,207	3,997	5,428	11,958
Other	193	454	322	379	1,047	7,332
Branch Offices	200	221	329	566	452	3,336
Real Estate Transactions*	---	---	---	---	---	595
Total	8,145	10,155	12,217	22,320	33,364	139,334

*Overseas real estate transactions have been excluded from Japan's foreign direct investment data since December 1, 1980 because of changes in the Foreign Exchange and Foreign Trade Control Law.

Source: Ministry of Finance

Table 40: U.S. International Transactions, 1983-1987

(in millions of dollars, IMF value basis)

	1983	1984	1985	1986	1987
Merchandise Trade Balance	$-67,080	$-112,522	$-122,148	$-144,547	$-160,280
Exports	201,820	219,900	215,935	223,969	249,570
Imports	268,900	332,422	338,083	368,516	409,850
Services Balance	30,313	17,546	22,056	21,026	19,761
Military	-243	-2,099	-3,431	-4,372	-2,368
Travel	-4,595	-7,570	-9,080	-8,087	-9,105
Other Transportation	368	-1,034	-969	-1,257	-1,176
Investment Income	24,875	18,489	25,936	23,142	20,375
Direct	14,901	11,988	27,123	33,038	41,804
Other	9,974	6,501	-1,187	-9,896	-21,429
Fees and Royalties	4,553	4,674	5,103	6,273	7,702
Other Services	5,355	5,086	4,497	5,327	4,333
Unilateral Transfers Balance	-9,480	-12,102	-15,010	-15,308	-13,445
Current Account Balance	-46,248	-107,077	-115,103	-138,828	-153,964
Private Capital Flows (net)	35,447	85,796	105,146	89,443	80,225
Direct Investments (net)	11,573	22,538	954	6,280	-2,478
Securities (net)	10,091	30,813	63,914	70,481	30,161
Banking Flows (net)	20,414	22,722	39,722	19,808	47,247
Other Flows (net)	-6,631	9,723	557	-7,126	5,295
U.S. Government Assets (other than official reserves) (net)	-5,006	-5,489	-2,829	-2,000	1,162
U.S. Official Reserve Assets (net)	-1,196	-3,131	-3,858	312	9,149
Foreign Official Assets (net)	5,845	3,140	-1,196	35,507	44,968
Statistical Discrepancy	11,154	26,760	17,839	15,566	18,461

Note: For capital transactions, credits (+) indicate net inflows and debits (-) indicate net outflows.

Source: Department of Commerce

Table 41: U.S. Current Account Balance with Japan, 1983-1987

(in millions of dollars, IMF value basis)

	1983	1984	1985	1986	1987
Merchandise Trade Balance	$-21,055	$-36,969	$-43,508	$-54,422	$-56,944
Exports	21,789	23,241	22,145	26,344	27,604
Imports	42,844	60,210	65,653	80,766	84,548
Services Balance	1,339	-756	-1,631	-1,618	-1,530
Military	-917	-1,035	-1,264	-1,827	-1,644
Travel	1,307	1,396	1,465	1,428	1,966
Other Transportation	-127	-471	-580	-727	-807
Investment Income	39	-1,613	-2,381	-1,584	-2,345
Direct	92	-1,154	56	2,336	2,464
Other	-53	-459	-2,437	-3,920	-4,809
Fees and Royalties	809	835	936	1,129	1,499
Other Services	278	132	193	-37	-199
Unilateral Transfers Balance	-49	-67	-68	-68	-68
Current Account Balance	-19,765	-37,792	-45,208	-56,109	-58,544

Source: Department of Commerce

Table 42: U.S. Exports and Imports, 1983-1987

(in millions of dollars, seasonally unadjusted)

		Exports* (f.a.s.)	Change Over Year-Earlier Period	Imports (Customs)	Change Over Year-Earlier Period	Trade Balance	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1983		$200,538	-5.5%	$258,048	5.8%	$-57,510	$269,878	5.9%	$-69,341
1984		217,888	8.7	325,726	26.2	-107,838	341,177	26.4	-123,289
1985		213,146	-2.2	345,275	6.0	-132,129	361,626	6.0	-148,480
1986		217,304	2.0	369,961	7.1	-152,657	387,082	7.0	-169,777
1987		252,866	16.4	405,901	9.7	-153,035	424,082	9.6	-171,217
1986	January	17,006	-8.9	32,005	11.0	-14,999	33,465	10.6	-16,459
	February	17,735	3.4	28,895	11.4	-11,161	30,225	11.2	-12,491
	March	18,913	-7.0	31,972	11.3	-13,059	33,435	11.1	-14,522
	April	17,965	-0.0	28,762	0.7	-10,797	30,036	0.4	-12,071
	May	17,431	-4.9	30,272	3.3	-12,842	31,638	3.0	-14,208
	June	19,070	5.9	31,764	5.4	-12,694	33,240	5.2	-14,170
	July	17,707	5.9	34,121	26.4	-16,414	35,745	26.3	-18,037
	August	17,604	6.2	29,476	12.3	-11,871	30,925	12.4	-13,321
	September	17,518	2.8	28,695	-8.5	-11,177	30,078	-8.5	-12,560
	October	19,330	9.7	30,018	5.6	-10,688	31,389	5.7	-12,059
	November	18,595	4.9	36,187	20.6	-17,592	37,816	20.5	-19,221
	December	18,431	8.5	27,795	-9.5	-9,364	29,089	-9.5	-10,658
1987	January	16,755	-1.5	27,466	-14.2	-10,711	28,692	-14.3	-11,937
	February	19,360	9.2	32,307	11.8	-12,946	33,725	11.6	-14,365
	March	21,776	15.1	33,197	3.8	-11,421	34,694	3.8	-12,918
	April	20,496	14.1	31,983	11.2	-11,487	33,459	11.4	-12,963
	May	20,784	19.2	33,313	10.0	-12,529	34,822	10.1	-14,039
	June	21,126	10.8	35,266	11.0	-14,140	36,838	10.8	-15,711
	July	21,008	18.6	35,844	5.1	-14,836	37,483	4.9	-16,475
	August	20,222	14.9	34,320	16.4	-14,098	35,905	16.1	-15,683
	September	20,986	19.8	33,573	17.0	-12,587	35,062	16.6	-14,076
	October	21,752	12.5	37,714	25.6	-15,962	39,383	25.5	-17,631
	November	23,799	28.0	35,474	-2.0	-11,676	37,016	-2.1	-13,218
	December	24,801	34.6	35,444	27.5	-10,642	37,003	27.2	-12,202

*Domestic and foreign merchandise, including Department of Defense shipments. Annual and monthly data for 1987 reflect undocumented exports to Canada.

Source: Department of Commerce

Table 43: U.S. Exports by Major Market, 1983-1987

(in millions of dollars, f.a.s. value basis)

	1983	1984	1985	1986	1987
Total	$200,538	$217,888	$213,146	$217,304	$252,366
Western Hemisphere	63,970	76,209	78,271	76,411	94,795
Canada	38,244	46,524	47,251	45,333	59,814
Mexico	9,082	11,992	13,635	12,392	14,582
Brazil	2,557	2,640	3,140	3,885	4,040
Venezuela	2,811	3,377	3,399	3,141	3,586
Colombia	1,514	1,450	1,468	1,319	1,412
Western Europe	55,980	58,019	56,763	61,642	69,718
United Kingdom	10,621	12,210	11,273	11,418	14,114
West Germany	8,737	9,084	9,050	10,561	11,748
Netherlands	7,767	7,554	7,269	7,848	8,217
France	5,961	6,037	6,096	7,216	7,943
Belgium-Luxembourg	5,049	5,301	4,918	5,399	6,189
Italy	3,908	4,375	4,625	4,838	5,530
European Community*	44,311	46,976	45,776	53,154	60,575
Switzerland	2,960	2,563	2,288	2,977	3,151
Spain	2,763	2,561	2,524	2,615	3,148
Sweden	1,581	1,542	1,925	1,871	1,894
Asia and Middle East	61,620	61,506	56,869	61,396	69,746
Japan	21,894	23,575	22,631	26,882	28,249
Korea	5,925	5,983	5,956	6,355	8,099
Taiwan	4,667	5,003	4,700	5,524	7,413
Singapore	3,759	3,675	3,476	3,380	4,053
Hong Kong	2,564	3,062	2,786	3,030	3,983
Saudi Arabia	7,903	5,564	4,474	3,449	3,373
Israel	2,017	2,194	2,580	2,239	3,130
Malaysia	1,684	1,856	1,539	1,730	1,897
Philippines	1,807	1,766	1,379	1,363	1,599
Thailand	1,063	1,113	849	936	1,544
India	1,828	1,570	1,642	1,536	1,463
Indonesia	1,466	1,216	795	946	767
Australia and Oceania	4,827	5,745	6,399	6,659	6,526
Australia	3,954	4,793	5,441	5,551	5,495
Africa	8,768	8,827	7,388	5,978	6,283
Egypt	2,813	2,704	2,323	1,982	2,210
South Africa	2,129	2,265	1,205	1,158	1,281
Nigeria	864	577	676	409	295
Communist Countries	5,085	7,214	7,091	5,125	5,721
China	2,173	3,004	3,856	3,106	3,497
Soviet Union	2,003	3,284	2,423	1,248	1,480

*1986 and 1987 figures include Spain and Portugal.

Source: Department of Commerce

Table 44: U.S. Imports by Major Supplier, 1983-1987

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Total	$269,878	$341,177	$361,626	$387,082	$424,082
Western Hemisphere	96,127	116,974	118,523	112,774	120,605
Canada	52,546	66,911	69,427	68,662	71,510
Mexico	17,019	18,267	19,392	17,558	20,520
Brazil	5,382	8,273	8,147	7,340	8,433
Venezuela	5,173	6,820	6,830	5,446	5,881
Colombia	1,058	1,253	1,456	2,039	2,414
Western Europe	56,437	74,921	84,209	94,297	99,934
United Kingdom	12,900	15,044	15,573	16,033	17,998
West Germany	13,229	17,810	21,232	26,128	28,028
Netherlands	3,149	4,330	4,368	4,363	4,236
France	6,308	8,516	9,960	10,586	11,177
Belgium-Luxembourg	2,510	3,287	3,567	4,191	4,359
Italy	5,819	8,504	10,381	11,312	11,698
European Community*	45,879	60,267	68,246	79,520	84,876
Switzerland	2,552	3,199	3,579	5,367	4,363
Spain	1,685	2,627	2,774	2,956	3,101
Sweden	2,349	3,427	4,339	4,637	4,981
Asia and Middle East	94,802	124,664	135,840	157,426	177,283
Japan	43,559	60,371	72,380	85,457	88,074
Korea	7,657	10,027	10,713	13,497	17,991
Taiwan	12,110	16,088	17,761	21,252	26,407
Singapore	2,969	4,121	4,412	4,884	6,395
Hong Kong	6,825	8,899	8,994	9,474	10,490
Saudi Arabia	3,840	4,009	2,027	4,054	4,887
Israel	1,300	1,809	2,201	2,505	2,724
Malaysia	2,205	2,825	2,399	2,534	3,053
Philippines	2,159	2,622	2,334	2,150	2,481
Thailand	1,035	1,426	1,543	1,873	2,387
India	2,334	2,737	2,478	2,465	2,725
Indonesia	5,657	5,868	4,933	3,675	3,719
Australia and Oceania	3,354	3,885	4,170	4,080	4,550
Australia	2,422	2,899	3,069	2,873	3,287
Africa	15,206	14,996	12,543	11,057	12,680
Egypt	325	182	84	123	498
South Africa	2,099	2,577	2,180	2,476	1,399
Nigeria	3,883	2,606	3,108	2,681	3,767
Communist Countries	3,952	5,736	6,342	7,447	9,030
China	2,477	3,381	4,224	5,241	6,911
Soviet Union	374	600	443	606	470

*1986 and 1987 figures include Spain and Portugal.

Source: Department of Commerce

Table 45: U.S. Trade Balance with Major Trading Partners, 1983-1987

(in millions of dollars; exports f.a.s., imports c.i.f.)

	1983	1984	1985	1986	1987
Total	$-69,341	$-123,289	$-148,480	$-169,777	$-171,217
Western Hemisphere	-32,157	-40,766	-40,252	-36,364	-25,810
Canada	-14,302	-20,387	-22,176	-23,330	-11,696
Mexico	-7,937	-6,275	-5,757	-5,167	-5,938
Brazil	-2,825	-5,633	-5,007	-3,455	-4,393
Venezuela	-2,362	-3,443	-3,431	-2,305	-2,295
Colombia	456	197	12	-720	-1,003
Western Europe	-457	-16,902	-27,446	-32,655	-30,216
United Kingdom	-2,279	-2,834	-4,300	-4,614	-3,884
West Germany	-4,492	-8,726	-12,182	-15,568	-16,281
Netherlands	4,618	3,224	2,901	3,485	3,981
France	-347	-2,479	-3,864	-3,370	-3,233
Belgium-Luxembourg	2,539	2,014	1,351	1,208	-1,830
Italy	-1,911	-4,129	-5,756	-6,473	-6,168
European Community*	-1,568	-13,291	-22,470	-26,366	-24,301
Switzerland	408	-636	-1,291	-2,391	-1,212
Spain	1,078	-66	-250	-341	47
Sweden	-968	-1,885	-2,414	-2,766	-3,088
Asia and Middle East	-33,182	-63,158	-78,971	-96,031	-107,538
Japan	-21,665	-36,796	-49,749	-58,575	-59,825
Korea	-1,732	-4,044	-4,757	-7,142	-9,892
Taiwan	-7,443	-11,085	-13,061	-15,727	-18,994
Singapore	790	-446	-936	-1,504	-2,342
Hong Kong	-4,261	-5,837	-6,208	-6,444	-6,507
Saudi Arabia	4,063	1,555	2,447	-606	-1,513
Israel	717	385	379	-267	406
Malaysia	-521	-969	-860	-805	-1,157
Philippines	-352	-856	-955	-787	-882
Thailand	28	-313	-694	-937	-833
India	-506	-1,167	-836	-928	-1,262
Indonesia	-4,191	-4,652	-4,138	-2,730	-2,952
Australia and Oceania	1,473	1,860	2,229	2,578	1,976
Australia	1,532	1,894	2,372	2,679	2,208
Africa	-6,438	-6,169	-5,155	-5,079	-6,396
Egypt	2,488	2,522	2,239	1,859	1,712
South Africa	30	-312	-975	-1,318	-118
Nigeria	-3,019	-2,029	-2,432	-2,272	-3,472
Communist Countries	1,132	1,479	749	-2,322	-3,309
China	-304	-377	-368	-2,134	-3,413
Soviet Union	1,629	2,684	1,980	642	1,010

*1986 and 1987 figures include Spain and Portugal.

Source: Department of Commerce

Table 46: U.S. Exports by Commodity, 1983-1987

(in millions of dollars, f.a.s. value basis)

	1983	1984	1985	1986	1987
Total Exports*	$195,969	$212,057	$206,925	$206,376	$243,859
Agricultural Commodities	36,108	37,813	29,242	26,061	28,636
Nonagricultural Commodities	159,862	174,245	177,684	180,315	215,223
Food and Live Animals	24,166	24,463	19,268	17,303	19,179
Meat and Meat Products	1,191	1,208	1,153	1,424	1,768
Fish and Fish Products	917	850	1,016	1,297	1,588
Grain and Cereal Products	15,152	16,076	11,050	7,368	8,058
Wheat	6,235	6,477	3,601	3,010	3,045
Corn	6,480	7,081	5,319	2,718	3,314
Sorghum	731	880	839	389	406
Rice	926	845	665	621	576
Vegetables and Fruits	2,444	2,435	2,377	2,657	2,956
Animal Feeds	2,802	2,226	1,891	2,622	2,692
Beverages and Tobacco	2,813	2,849	2,958	2,920	3,667
Unmanufactured Tobacco	1,462	1,511	1,521	1,210	1,091
Cigarettes	1,126	1,120	1,180	1,298	2,047
Inedible Crude Materials	18,596	20,249	16,940	17,324	20,416
Hides and Skins	807	1,171	1,088	1,314	1,450
Soybeans	5,925	5,438	3,906	4,334	4,343
Rubber	543	624	584	649	761
Logs and Lumber	2,104	2,042	2,037	2,240	3,008
Paper Base Stocks	1,916	2,144	1,946	2,318	3,084
Raw Cotton	1,817	2,441	1,633	773	1,631
Steel Scrap	637	918	917	1,054	967
Nonferrous Ores and Scrap	1,456	1,508	1,534	1,543	1,853
Mineral Fuels	9,500	9,311	9,971	8,115	7,713
Bituminous Coal	4,008	4,090	4,398	3,862	3,310
Petroleum and Products	4,557	4,470	4,707	3,640	3,922
Animal and Vegetable Oils and Fats	1,459	1,922	1,434	1,015	981
Chemicals	19,751	22,336	21,759	22,766	26,381
Chemical Elements and Compounds	8,378	9,699	9,290	9,367	10,679
Organic Chemicals	5,326	6,093	6,012	6,293	7,550
Inorganic Chemicals	3,051	3,605	3,278	3,073	3,129
Pharmaceuticals	2,494	2,628	2,708	3,090	3,182
Fertilizers	1,267	1,815	2,160	1,935	2,259
Plastic Materials	3,732	4,050	3,777	4,301	5,493
Manufactured Goods Classified Chiefly by Material	14,852	15,140	14,009	14,005	17,136
Paper and Paper Products	2,553	2,620	2,329	2,602	3,180
Textiles (excl. clothing)	2,368	2,382	2,366	2,570	2,933
Nonmetallic Mineral Products	1,770	1,865	1,821	1,886	2,289
Steel Mill Products	1,415	1,248	1,152	1,020	1,223

(continued)

Table 46: U.S. Exports by Commodity, 1983-1987 (continued)

(in millions of dollars, f.a.s. value basis)

	1983	1984	1985	1986	1987
Nonferrous Metals and Alloys	$1,606	$1,634	$1,472	$1,195	$1,699
Aluminum and Alloys	1,010	990	937	816	1,202
Metal Manufactures	3,444	3,602	3,253	3,008	3,534
Machinery and Transport Equipment	82,578	89,973	94,278	95,290	108,596
Machinery	54,309	60,318	59,488	60,397	69,637
Power Generating Machinery	8,718	9,114	9,272	9,165	10,193
Aircraft Engines and Parts	2,788	3,011	3,316	3,694	4,420
Automotive Engines and Parts	2,082	2,410	2,494	2,269	2,335
Agricultural Machinery and Parts	1,589	1,740	1,601	1,421	1,493
Construction Equipment and Parts	766	761	820	714	773
Mining and Drilling Machinery and Parts	2,911	2,637	2,922	2,355	1,705
Textile and Sewing Machinery	453	520	498	554	661
Printing and Bookbinding Machinery and Parts	478	465	439	487	628
Metalworking Machinery	1,121	1,175	1,249	1,467	1,606
Heating and Cooling Machinery and Parts	1,854	1,888	1,791	1,740	2,000
Pumps and Parts	948	962	933	849	928
Centrifuges and Filtering and Purifying Machinery and Parts	734	628	537	515	639
Computers, Peripherals and Parts	10,453	13,352	13,841	14,514	17,495
Telecommunications Equipment	3,804	3,943	4,167	4,408	5,085
Other Electric Machinery and Parts	11,936	13,855	12,489	13,630	16,637
Electric Power Apparatus	2,379	2,790	2,616	2,800	3,243
Household Appliances	611	626	551	542	742
Transport Equipment	28,269	29,655	34,790	34,893	38,959
Cars	4,200	4,868	6,020	6,254	6,689
Trucks and Buses	1,411	1,686	2,183	2,257	2,704
Automotive Parts (excl. engines, tires and electrical parts)	3,254	3,994	9,376	8,492	9,657
Tractor Parts	972	1,146	1,085	866	960
Commercial Aircraft	5,691	4,147	6,694	7,366	7,517
Military Aircraft	1,845	1,581	2,012	1,502	2,628
Aircraft Parts	4,526	5,061	5,580	6,111	6,645
Rail Locomotives and Rolling Stock	402	584	427	538	346
Ships, Boats and Floating Structures	811	221	306	330	361
Miscellaneous Manufactured Goods	15,246	15,699	15,338	16,629	19,409
Furniture	593	622	560	534	624
Clothing	818	807	754	899	1,156
Professional, Scientific and Medical Equipment and Measuring and Controlling Instruments	5,856	6,198	6,505	6,732	7,388
Photographic Supplies	1,366	1,464	1,313	1,418	1,472
Printed Material	1,324	1,391	1,279	1,342	1,562
Toys and Sporting Goods	878	674	579	628	885
Musical Instruments and Parts	860	927	898	1,112	1,487
Unclassified Commodities	7,009	10,116	10,971	11,011	20,381

*Domestic merchandise only, including Department of Defense shipments.

Source: Department of Commerce

Table 47: U.S. Imports by Commodity, 1983-1987

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Total Imports	$269,878	$341,177	$361,626	$387,082	$424,082
Agricultural Commodities	18,104	21,522	22,020	23,176	22,624
Nonagricultural Commodities	251,775	319,605	339,607	363,906	401,458
Food and Live Animals	16,692	19,428	20,292	22,395	22,224
Meat and Meat Products	2,241	2,232	2,472	2,601	3,038
Fish and Fish Products	3,764	3,859	4,202	4,933	5,872
Grains and Animal Feeds	515	662	767	803	880
Vegetables and Fruits	3,382	4,447	4,619	4,825	5,133
Sugar	1,113	1,333	1,002	717	481
Coffee	2,731	3,215	3,284	4,432	2,846
Beverages and Tobacco	3,710	4,007	4,124	4,226	4,461
Alcoholic Beverages	2,876	3,147	3,298	3,362	3,554
Unmanufactured Tobacco	491	666	571	626	624
Inedible Crude Materials	10,272	11,882	11,167	11,176	12,299
Crude Rubber	731	915	746	691	837
Lumber	2,816	2,952	3,195	3,268	3,464
Paper Base Stocks	1,525	1,907	1,572	1,659	2,132
Iron Ore and Concentrates	531	628	561	549	478
Nonferrous Ores and Concentrates	1,449	1,775	1,418	1,140	1,303
Bauxite	1,116	1,350	1,071	875	941
Mineral Fuels	60,215	63,297	55,843	39,838	46,724
Petroleum and Products	54,358	58,167	51,471	36,550	43,936
Crude Petroleum	38,184	37,945	34,124	24,181	30,840
Petroleum Products	16,174	20,222	17,3481	12,369	13,096
Fuel Oil	9,410	10,907	8,100	5,879	6,442
Natural and Manufactured Gas	5,748	4,964	4,176	3,092	2,,81
Animal and Vegetable Oils and Fats	541	742	730	581	630
Chemicals	11,305	14,401	15,321	15,804	17,037
Chemical Elements and Compounds	6,324	8,093	8,386	8,393	8,884
Organic Chemicals	3,646	4,489	4,833	4,968	5,686
Inorganic Chemicals	2,678	3,603	3,554	3,425	3,199
Pharmaceuticals	719	951	1,108	1,267	1,484
Fertilizers	1,056	1,221	1,049	953	868
Manufactured Goods Classified Chiefly by Material	36,750	49,018	49,499	51,700	56,364
Tires and Tubes	1,503	1,983	2,086	2,129	2,443
Plywood and Veneers	826	879	905	994	1,197
Paper and Paper Products	4,362	5,822	6,248	6,630	7,613
Newsprint	2,817	3,370	3,720	3,760	4,209
Textiles (excl. clothing)	3,460	4,874	5,274	6,151	6,927
Yarn and Thread	378	558	574	736	782
Cotton Fabrics	594	935	892	1,064	1,363

(continued)

Table 47: U.S. Imports by Commodity, 1983-1987 (continued)

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Glass, Glassware and Tableware	$1,744	$2,176	$2,406	$2,699	$3,094
Gem Diamonds	2,283	2,917	3,020	3,476	3,442
Steel Mill Products	6,919	11,146	10,614	8,900	9,178
Wire Rods and Bars	1,433	2,053	1,963	1,758	1,885
Plates and Sheets	3,265	4,958	4,615	4,170	4,375
Tubes, Pipes and Fittings	1,497	2,882	2,671	1,732	1,620
Nonferrous Metals and Alloys	7,545	8,350	7,172	7,881	8,154
Precious Metals	2,642	1,916	1,834	1,951	1,618
Copper and Alloys	1,382	1,570	1,195	1,428	1,597
Nickel and Alloys	533	608	614	522	581
Aluminum and Alloys	1,668	2,522	2,066	2,833	2,928
Metal Manufactures	4,807	6,347	7,022	7,575	8,512
Machinery and Transport Equipment	88,928	123,104	141,721	166,240	182,807
Machinery	48,409	70,657	77,717	90,101	102,262
Power Generating Machinery	5,384	7,465	9,051	9,997	11,068
Agricultural Machinery and Tractors	1,237	1,577	1,499	1,648	1,900
Textile and Sewing Machinery	1,098	1,336	1,155	1,502	1,875
Metalworking Machinery	1,540	2,116	2,886	3,385	3,090
Office Machinery and Computers	6,979	11,175	11,917	15,114	19,027
Telecommunications Equipment	11,619	16,423	19,114	21,157	21,272
Radio Sets	864	1,056	1,025	870	936
Television Sets	1,788	2,246	2,327	2,762	2,525
Stereo Equipment and Audio and Video Cassette Recorders	2,756	4,369	6,038	6,827	5,557
Other Electric Machinery and Parts	12,828	18,789	18,192	20,718	25,091
Transport Equipment	40,519	52,447	64,003	76,140	80,546
Road Motor Vehicles	29,817	37,830	47,009	56,275	58,604
Cars	23,757	30,147	37,617	46,555	49,134
Automotive Parts (excl. engines, tires and electrical parts)	6,441	9,059	10,568	12,245	14,143
Motorcycles and Parts	838	772	1,014	961	655
Aircraft and Parts	2,073	3,033	3,600	4,525	4,512
Miscellaneous Manufactured Goods	33,637	45,361	51,684	60,079	69,037
Clothing	10,292	14,513	16,056	18,554	21,960
Footwear	4,291	5,424	6,104	6,857	7,654
Professional, Scientific and Controlling Instruments	1,963	2,770	3,298	3,987	4,621
Clocks and Watches	1,089	1,294	1,406	1,576	1,744
Printed Matter	778	1,041	1,175	1,446	1,569
Toys and Sporting Goods	2,702	3,700	4,451	5,088	6,438
Art Works and Antiques	2,033	2,489	2,217	2,123	1,978
Unclassified Commodities	7,830	9,938	11,245	15,042	12,500

Source: Department of Commerce

Table 48: U.S. Trade with Japan, 1983-1987

(in millions of dollars, seasonally unadjusted)

		Exports* (f.a.s.)	Change Over Year-Earlier Period	Imports (Customs)	Change Over Year-Earlier Period	Trade Balance	Imports (c.i.f.)	Change Over Year-Earlier Period	Trade Balance
1983		$21,894	4.4%	$41,183	9.1%	$-19,289	$43,559	9.1%	$-21,665
1984		23,575	7.7	57,135	38.7	-33,560	60,371	38.6	-36,796
1985		22,631	-4.0	68,783	20.4	-46,152	72,380	19.9	-49,749
1986		26,882	18.8	81,911	19.1	-55,030	85,457	18.1	-58,575
1987		28,249	5.1	84,575	3.3	-56,326	88,074	3.1	-59,825
1986	January	1,763	-16.0	6,902	15.6	-5,139	7,227	15.1	-5,464
	February	1,813	-0.6	5,861	22.1	-4,048	6,143	21.3	-4,330
	March	1,998	-14.2	7,185	25.5	-5,187	7,518	24.7	-5,520
	April	1,906	10.0	6,333	6.8	-4,427	6,609	6.0	-4,703
	May	1,732	-4.5	6,439	12.6	-4,707	6,725	11.6	-4,993
	June	3,861	120.5	7,240	24.3	-3,379	7,551	22.7	-3,690
	July	2,941	59.4	8,102	49.5	-5,161	8,446	48.0	-5,505
	August	2,272	30.3	6,694	23.0	-4,422	6,973	21.9	-4,701
	September	2,015	4.6	5,884	-8.8	-3,869	6,135	-8.6	-4,120
	October	2,286	24.6	6,996	33.6	-4,710	7,268	32.2	-4,982
	November	1,990	0.9	8,392	38.9	-6,402	8,731	37.7	-6,741
	December	2,305	30.9	5,883	-5.4	-3,578	6,130	-6.3	-3,825
1987	January	1,785	1.3	5,900	-14.5	-4,115	6,146	-15.0	-4,361
	February	2,035	12.3	6,825	16.5	-4,790	7,100	15.6	-5,065
	March	2,139	7.1	6,804	-5.3	-4,665	7,086	-5.8	-4,947
	April	2,171	13.9	6,832	7.9	-4,661	7,117	7.7	-4,946
	May	2,151	24.2	6,934	7.7	-4,783	7,225	7.4	-5,074
	June	2,293	-40.6	7,333	1.3	-5,040	7,638	1.2	-5,345
	July	2,561	-12.9	7,341	-9.4	-4,780	7,635	-9.6	-5,074
	August	2,658	17.0	7,242	8.2	-4,584	7,536	8.1	-4,878
	September	2,424	20.3	6,781	15.3	-4,357	7,057	15.0	-4,633
	October	2,392	4.6	7,932	13.4	-5,540	8,257	13.6	-5,865
	November	2,638	32.6	7,179	-14.5	-4,541	7,485	-14.3	-4,847
	December	3,001	30.2	7,472	27.0	-4,471	7,793	27.1	-4,792

*Domestic and foreign merchandise, including Department of Defense shipments.

Source: Department of Commerce

Table 49: U.S. Exports to Japan by Commodity, 1983-1987

(in millions of dollars, f.a.s. value basis)

	1983	1984	1985	1986	1987
Total Exports to Japan*	$21,520	$23,094	$22,042	$23,153	$27,341
Agricultural Commodities	6,241	6,757	5,394	5,088	5,694
Nonagricultural Commodities	15,279	16,337	16,648	18,065	21,647
Food and Live Animals	4,294	4,705	4,011	4,144	4,691
Meat and Meat Products	574	571	541	761	898
Fish and Fish Products	506	503	685	864	1,059
Grain and Cereal Products	2,493	2,873	2,044	1,500	1,595
Wheat	589	534	469	424	352
Corn	1,764	1,999	1,305	878	1,036
Sorghum	86	270	243	178	182
Vegetables and Fruits	419	453	452	584	665
Animal Feeds	159	173	161	233	228
Beverages and Tobacco	442	399	417	390	665
Unmanufactured Tobacco	339	286	302	227	301
Cigarettes	80	95	95	128	492
Inedible Crude Materials	4,185	4,452	3,951	4,068	4,954
Hides and Skins	240	325	298	331	370
Soybeans	1,210	1,173	938	839	786
Synthetic Rubber	47	57	51	66	65
Logs and Lumber	900	841	885	1,097	1,573
Paper Base Stocks	485	528	476	568	757
Raw Cotton	500	605	368	239	414
Steel Scrap	218	265	199	170	123
Nonferrous Ores and Scrap	309	364	460	492	554
Mineral Fuels	1,994	1,812	1,782	1,311	1,297
Bituminous Coal	1,002	865	769	555	485
Petroleum Products	639	683	762	568	661
Animal and Vegetable Oils and Fats	62	53	51	50	38
Chemicals	2,607	2,961	2,908	3,081	3,422
Chemical Elements and Compounds	1,308	1,553	1,506	1,616	1,702
Organic Chemicals	674	717	704	732	870
Inorganic Chemicals	634	836	802	884	832
Pharmaceuticals	521	553	570	633	680
Fertilizers	110	122	124	99	153
Plastic Materials	345	372	324	336	423
Manufactured Goods Classified Chiefly by Material	1,360	1,403	1,244	1,291	1,769
Tires and Tubes	12	11	10	21	62
Paper and Paper Products	294	294	295	361	404
Textiles (excl. clothing)	98	113	108	122	159
Nonmetallic Mineral Products	136	152	150	194	259
Iron and Steel	42	63	48	52	47

(continued)

Table 49: U.S. Exports to Japan by Commodity, 1983-1987 (continued)

(in millions of dollars, f.a.s. value basis)

	1983	1984	1985	1986	1987
Nonferrous Metals and Alloys	$413	$379	$289	$206	$394
Copper and Alloys	24	119	16	8	27
Aluminum and Alloys	375	226	258	188	358
Metal Manufactures	191	207	174	194	233
Machinery and Transport Equipment	4,794	5,223	5,751	6,221	7,076
Machinery	3,251	3,897	3,805	4,085	4,794
Power Generating Machinery	517	617	444	497	547
Aircraft Engines and Parts	180	218	295	357	383
Mining and Drilling Machinery and Parts	89	70	69	61	17
Metalworking Machinery	68	77	84	122	100
Heating and Cooling Machinery and Parts	80	79	91	87	97
Centrifuges and Filtering and Purifying Machinery and Parts	58	48	49	53	72
Computers, Peripherals and Parts	833	1,057	1,250	1,301	1,626
Telecommunications Equipment	208	206	241	312	409
Other Electric Machinery and Parts	738	930	824	961	1,226
Electric Power Apparatus	141	173	163	178	190
Transport Equipment	1,543	1,327	1,946	2,137	2,283
Road Motor Vehicles and Parts	145	191	214	271	328
Cars	31	29	19	42	72
Automotive Parts (excl. engines, tires and electrical parts)	36	34	130	143	138
Aircraft and Parts	1,345	1,073	1,710	1,826	1,893
Commercial Aircraft	835	541	906	1,161	1,095
Aircraft Parts	498	519	574	654	796
Miscellaneous Manufactured Goods	1,367	1,479	1,483	1,801	2,383
Clothing	44	43	34	46	98
Professional, Scientific and Medical Equipment and Measuring and Controlling Instruments	583	645	691	736	907
Photographic Supplies	221	225	219	267	270
Printed Material	55	66	60	64	78
Rubber and Plastic Products	69	74	72	80	102
Toys and Sporting Goods	114	89	80	98	180
Musical Instruments and Parts	82	91	93	137	197
Unclassified Commodities	121	204	258	535	1,046

*Domestic merchandise only, including Department of Defense shipments.

Source: Department of Commerce

Table 50: U.S. Imports from Japan by Commodity, 1983-1987

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Total Imports from Japan	$43,559	$60,371	$72,380	$85,457	$88,074
Agricultural Commodities	186	243	269	291	239
Nonagricultural Commodities	43,373	60,129	72,111	85,166	87,835
Food and Live Animals	366	436	488	476	418
Fish and Fish Products	236	265	297	276	237
Beverages and Tobacco	28	39	39	46	53
Inedible Crude Materials	81	94	120	113	139
Mineral Fuels	12	59	67	75	92
Animal and Vegetable Oils and Fats	7	8	9	12	18
Chemicals	1,172	1,403	1,506	1,896	2,271
Chemical Elements and Compounds	584	673	731	902	1,065
Organic Chemicals	459	548	599	772	886
Inorganic Chemicals	125	125	132	130	179
Pharmaceuticals	84	78	87	127	158
Manufactured Goods Classified Chiefly by Material	5,667	7,872	8,222	7,384	7,069
Tires and Tubes	455	583	630	635	663
Paper and Paper Products	78	99	130	163	202
Textiles (excl. clothing)	620	717	764	908	802
Yarn	73	93	77	91	86
Cotton Fabrics	70	119	152	173	158
Other Fabrics	347	350	362	455	384
Glass, Glassware and Tableware	452	532	580	596	574
Steel Mill Products	2,117	3,453	3,344	2,454	2,427
Wire Rods and Bars	376	553	506	384	440
Plates and Sheets	1,103	1,739	1,564	1,329	1,405
Tubes, Pipes and Fittings	462	864	971	506	382
Nonferrous Metals and Alloys	411	531	561	532	478
Copper and Alloys	113	121	115	130	153
Aluminum and Alloys	233	346	363	347	257
Metal Manufactures	1,179	1,457	1,689	1,642	1,512
Machinery and Transport Equipment	31,783	44,662	54,842	67,266	69,447
Machinery	15,924	25,535	29,642	34,699	36,858
Power Generating Machinery	880	1,332	1,510	2,016	2,472
Agricultural Machinery and Tractors	246	373	422	510	523
Textile and Sewing Machinery	205	258	257	329	385
Metalworking Machinery	641	937	1,306	1,550	1,441
Office Machinery and Computers	3,389	5,454	5,843	7,551	9,147
Telecommunications Equipment	5,856	9,125	11,549	12,684	10,838
Radio Sets	254	295	316	279	277
Television Sets	435	706	851	890	520

(continued)

Table 50: U.S. Imports from Japan by Commodity, 1983-1987 (continued)

(in millions of dollars, c.i.f. value basis)

	1983	1984	1985	1986	1987
Stereo Equipment and Audio and Video Cassette Recorders	$2,400	$3,839	$5,368	$5,961	$4,130
Other Electric Machinery and Parts	3,026	5,079	4,915	5,646	6,812
Transport Equipment	15,859	19,127	25,200	32,567	32,589
Road Motor Vehicles	13,756	16,244	21,669	27,891	27,194
Cars	10,963	13,038	17,126	22,011	22,162
Automotive Parts (excl. engines, tires and electrical parts)	931	1,622	2,125	3,260	4,075
Motorcycles and Parts	785	699	940	891	578
Aircraft and Parts	143	133	134	176	247
Miscellaneous Manufactured Goods	4,069	5,383	6,327	7,342	7,707
Clothing	361	527	519	491	399
Professional, Scientific and Controlling Instruments	531	794	977	1,159	1,248
Clocks and Watches	343	447	490	487	536
Printed Matter	103	148	166	213	224
Toys and Sporting Goods	322	416	592	555	770
Unclassified Commodities	374	416	760	849	861

Source: Department of Commerce

Table 51: U.S. Direct Investment Position Abroad, Year-End 1983-1987

(in millions of dollars)

	1983	1984	1985	1986	1987
Developed Countries	$155,736	$157,123	$172,058	$194,691	$233,315
Canada	44,339	46,730	46,909	49,994	56,879
United Kingdom	27,637	28,553	33,024	35,692	44,673
West Germany	15,319	14,823	16,764	20,846	24,450
Switzerland	14,099	14,725	15,766	17,842	19,973
Japan	7,661	7,936	9,235	11,332	14,270
Netherlands	6,613	5,839	7,129	11,618	14,164
France	6,614	6,406	7,643	8,857	11,478
Australia	9,005	8,918	8,772	9,120	10,988
Italy	4,461	4,594	5,906	6,935	8,449
Belgium	4,438	4,584	5,038	5,229	7,076
Ireland	2,460	2,869	3,693	4,395	5,484
Norway	3,094	2,841	3,215	3,626	4,142
Spain	2,287	2,139	3,693	2,612	4,037
Developing Countries	45,746	49,153	52,764	60,270	71,174
Bermuda	11,056	13,019	13,116	14,765	18,229
Brazil	9,068	9,237	8,893	9,187	9,955
Hong Kong	3,068	3,253	3,295	3,980	5,453
Mexico	4,381	4,597	5,088	4,750	4,997
Panama	4,837	4,474	3,959	4,293	4,780
Indonesia	2,770	4,093	4,475	4,395	3,929
International	5,721	5,204	5,428	4,602	4,304
Total	207,203	211,480	230,250	259,562	308,793
of which:					
Petroleum	57,574	59,051	57,695	62,731	66,381
Manufacturing	82,907	85,865	94,700	104,877	126,640
Wholesale Trade	21,278	21,117	22,790	26,168	31,330
Banking	12,387	13,516	14,461	14,576	15,358
Finance, Insurance and Real Estate	15,075	15,683	22,501	34,413	49,097
Services	4,670	4,447	4,683	4,866	6,812
Other	13,312	12,799	13,421	12,931	13,179

Source: Department of Commerce

Table 52: U.S. Direct Investment Position in Japan, Year-End 1983-1987

(in millions of dollars)

	1983	1984	1985	1986	1987
Total	$7,661	$7,936	$9,235	$11,332	$14,270
Petroleum	1,902	2,052	2,184	2,612	2,561
Manufacturing	3,915	4,076	4,584	5,443	7,073
Food Products	155	66	128	157	365
Chemicals	1,148	1,211	1,311	1,591	2,093
Metals	79	47	82	130	173
Nonelectric Machinery	1,270	1,341	1,664	1,812	*
Electric Machinery	312	409	331	475	625
Transport Equipment	480	481	625	699	546
Other	471	522	443	580	*
Wholesale Trade	1,252	1,196	1,581	2,179	2,934
Banking	176	176	178	192	343
Finance, Insurance and Real Estate	325	347	520	648	945
Services	21	31	83	108	154
Other	69	58	104	149	260

*Suppressed to avoid disclosure of data on individual companies.

Source: Department of Commerce

Table 53: Foreign Direct Investment Position in the United States, Year-End 1983-1987

(in millions of dollars)

	1983	1984	1985	1986	1987
United Kingdom	$32,152	$38,387	$43,555	$55,935	$74,941
Netherlands	29,182	33,728	37,056	40,717	47,048
Japan	11,336	16,044	19,313	26,824	33,361
Canada	11,434	15,286	17,131	20,318	21,732
West Germany	10,845	12,330	14,816	17,250	19,637
Switzerland	7,464	8,146	10,568	12,058	14,343
France	5,726	6,591	6,670	7,709	10,195
Netherlands Antilles	9,948	10,935	10,443	9,685	8,895
OPEC Countries	4,039	4,892	4,607	4,787	4,981
Total	137,061	164,583	184,615	220,414	261,927
of which:					
Mining	1,928	3,920	4,039	5,080	5,619
Petroleum	18,209	25,400	28,270	29,094	35,395
Manufacturing	47,665	51,802	59,584	71,963	91,025
Wholesale Trade	21,031	24,455	29,051	33,997	37,580
Retail Trade	5,482	6,764	6,822	8,923	9,546
Banking	8,697	10,326	11,377	12,394	13,848
Finance	2,269	5,633	4,246	7,239	7,982
Insurance	8,665	8,922	11,806	15,345	15,951
Real Estate	14,636	17,761	19,402	22,512	24,478
Other	8,478	9,599	10,019	13,868	20,502

Source: Department of Commerce

Table 54: Japan's Foreign Direct Investment Position in the United States, Year-End 1983-1987

(in millions of dollars)

	1983	1984	1985	1986	1987
Total	$11,336	$16,044	$19,313	$26,824	$33,361
Mining	*	7	7	*	*
Petroleum	-408	-88	31	34	30
Manufacturing	1,605	2,460	2,738	3,578	5,232
Food Products	186	186	159	158	164
Chemicals	283	252	268	279	534
Metals	140	541	562	471	577
Machinery	466	628	715	1,052	1,521
Other	530	853	1,033	1,618	2,436
Wholesale Trade	7,823	9,689	11,796	13,687	14,667
Retail Trade	234	252	251	290	320
Banking	1,384	1,853	2,160	2,704	3,402
Finance	*	513	51	2,087	2,643
Insurance	182	138	119	*	*
Real Estate	515	744	1,536	2,941	4,431
Other	430	475	622	1,306	2,367

*Suppressed to avoid disclosure of data on individual companies.

Source: Department of Commerce